CONSTRUCTION NEWS

Some of the Week's Large Projects

AMONG the announcements for the current week are the following:

Proposed Work

Apartments, etc., New Jersey, Gilloan, Inc., Englewood, $10,000,000.

Railway, Virginia, Virginia & North Western Ry. Co., $7,500,000.

Plant, London, Ont., Steel Co. of Canada, expending $6,000,000-$7,000,000.

Power house, Kearny (sta. Arlington), N. J., Delaware, Lackawanna & Western R.R. Co., New York, sketches, $4,250,000.

Hotel and pier, Ocean City, N. J., Owner c/o G. Kesiter, New York, engr., sketches, $4,000,000.

Hospital, New York, N. Y., Bellevue & Allied Hospitals, $3,750,000.

Non-ferrous metal mill, Cicero, Ill., Western Electric Co., Chicago, $3,000,000.

Railway, West Virginia, Guyandotte & Tug Ry. Co., Roanoke, $2,500,000.

Hospital, Cleveland, O., Election Nov. 6, $2,425,000.

Engine terminal, Cincinnati, O., Chesapeake & Ohio Ry., Richmond, Va., expending $2,300,000.

Hospital, Jersey City, N. J., C. H. Ziegler, archt., bids in October, $2,000,000.

Roads, etc., Edwardsville, Ill., Madison Co., election Nov. 6, $1,850,000.

Apartment hotel, New York, N. Y., Master Building, Inc., plans, $1,700,000.

Distribution lines, Omaha, Neb., election Sept. 25, $1,500,000.

Armory, Jersey City, N. J., State Military Bd., $1,500,000.

Roads, Muskogee, Okla., Muskogee Co. voted $1,500,000.

Apartment, New York, N. Y., Two Hundred Twenty Five West 71st St., $1,300,000.

Church, Erie, Pa., Park Central Presbyterian Church, $1,000,000.

Excavation, Vandalia, Ill., Oka Valley Outlet D. D., $1,000,000.

Office, Honolulu, T. H., Alexander & Baldwin, Honolulu, $1,000,000.

Bids Desired

Commercial building, Phila., Pa., Sept. 24, by Reading Co., $3,000,000.

Theatre and convention hall, Asbury Park, N. J., Sept. 25, by Bd. City Comrs., $2,000,000.

Public Bond Elections, coming and decided, are listed on Construction News page 129a.

Temple, Kansas City, Mo., Sept. 12, by Keene & Simpson, archts., for owners, $1,500,000.

Bids Received

Subway, Brooklyn, N. Y., Bd. Transportation, Route 107, from Necaro Constr. Co., New York, $5,611,000.

Subway, Brooklyn, N. Y., Bd. Transportation, Route 109, from Cornell Constr. Co., New York, $2,974,000.

Contracts Awarded

Gas line, Tennessee and Louisiana, Memphis Natural Gas Co., Memphis, Tenn., to Ford, Bacon & Davis, Inc., 115 Bway., New York, $7,000,000.

Church and apartment, New York, N. Y., Second Presbyterian Church to Church Eng. Co., est. $2,000,000.

Waterworks, Dallas, Tex., Bd. City Comrs. to Uvalde Constr. Co., $1,176,677.

Department store, Dallas, Tex., Titche-Goettinger Co., to Watson Co., $1,000,000.

Railway, Kentucky, Southern Ry. Co., Wash., D. C., to Brooks-Callaway Co., Atlanta, Ga., est. $1,000,000.

Construction News of the Week

Waterworks

Proposed Work

Massachusetts—Towns of Harwich, Dennis, Chatham and Yarmouth, new central waterworks. To exceed $15,000. Chase & Gilbert, 250 Stuart St., Boston, archts.

Mass., Newton (Ind. br. Boston) — Bd. Aldermen culvert at Laundry Brook. $18,-110. Private plans.

Mass., Provincetown — Town, Water Comrs., W. H. Paige, chn., 1 story, brick pumping station. $40,000. Private plans.

N. J., Trenton—Hamilton Twp. mains. $40,000. C. S. Sincerbeau, Mechanic Bldg., engr.

Ala., Alabama City — For 1 m.g. filter plant, 2 mi. 10 and 6 in. c.i. pipe, 300,000 gal. steel reservoir, pumps and basins. $75,-000. Polglaze & Basenberg, Amer. Trust Bldg., Birmingham, engrs.

Ala., Linden — Polglaze & Basenberg, engrs., Amer. Trust Bldg., Birmingham, bids about Sept. 20 filter plant, 21,000 ft. 6- to 10-in. c.i. distribution system, reservoir, for Warrior Water Co. $55,000.

Ala., Red Bay—Polglaze & Basenberg, engrs., Amer., Trust Bldg., Birmingham, bids about Sept. 20, filter plant, 16,000 ft. 6- to 10-in. c.i. distribution system, reservoir, for Warrior Water Co. $45,000.

La., Violet—Extending mains from Arabi Packing Co. to here. $90,000. A. M. Blamphin, Audubon Bldg., New Orleans, engr.

Tenn., Ripley—Extending 16,500 ft. 6 and 8 in. c.i. mains. $25,000. Long & Co., Bennie Dillon Bldg., Nashville, engrs.

Illinois — Private Corp. forming, c/o W. A. Fuller Co., engrs., 1912 Railway Exch. Bldg., St. Louis, Mo., granted franchise waterworks to serve towns of Virden and Girard, incl. impounding reservoir, 1 m.g.p.d. filtration plant, 100,000 gal. tank on tower in each town, total 107,000 ft. 4- to 10-in. c.i. mains, 100 fire hydrants. $210,000.

Ia., Cedar Rapids—For 3.24 mi. 24 in. main Prairie Creek to city, pumping plant, deep well, water softening plant. $550,000. H. R. Green Co., Bever Bldg., consult. engrs. Noted Apr. 19.

Mo., Poplar Bluff—Filtration plant, extending mains. $225,000. J. N. Chester Engineers, Union Bank Bldg., Pittsburgh, Pa., engrs.

Mo., St. Louis—See "Streets and Roads."

Tex., Dallas—Storage reservoir. $100,-000. M. G. James, city secy.

Okla., Cherokee—Preliminary plans new water softening plant, 1 motor driven centrifugal pump. $20,000. F. H. Peckham, 603½ West Main St., Oklahoma City, engr.

Okla., Hobart — Waterworks improvements. $46,000. Benham Eng. Co., 1106-07 Perrine Bldg., Oklahoma City, engrs. Noted July 12.

Okla., Luther—New waterworks. $15,-000. Long & Co., Colcord Bldg., Oklahoma City, engrs.

Okla., Oklahoma City—Preliminary plans extending 22,000 ft. 8 and 10 in. mains in Packington addition. $30,000. W. W. Small, City Hall, engr.

Wash., Seattle—City, construction, machinery and appliances for chlorinating plant at Lake Young, King Co. $36,400.

THESE reports are grouped under each class (water-works, sewers, etc.) and under each stage of the work (proposed, bids desired, etc.), according to the following geographic sections: New England, Middle Atlantic, South, Middle West, between Mississippi and Rocky Mountains, Far West, and Canada.

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk, or corresponding official.

Calif., Corcoran — Corcoran Irrigation Dist. votes assessment $120,000 to finance purchase lands, installing 2 pumping plants.

Calif., Monrovia—For 1,350 g.p.m. pump for Chapman Wells Pumping Plant. H. S. Gierlich, city engr.

Bids Desired

N. Y., New York — Sept. 14, by Bd. Trustees Bellevue & Allied Hospitals, C. A. Perilli, acting pres., 415 East 26th St., 8 in. watermains with connections on grounds Fordham Hospital.

N. Y., St. George — Sept. 14, by J. J. Dietz, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York, mains in Post Lane, Edgewood Rd., Buel, Cornelia, Fremont, Henderson, Lincoln, Osborn, Raymond, William, Wiman and Winant Aves., Clawson, Hunton, King, Kramer, 1st and 2nd Sts.

N. J., Island Heights—Sept. 12, by Boro Council, 280,000 gal. standpipe, 5,750 lin.ft. c.i. pipe, fittings, gate valves. $31,000. Sherman & Sleeper, 501 Cooper St., engrs. Noted June 21.

N. C., Greensboro—Sept. 11, by Mayor and City Bd., 18 m.g. concrete clear water reservoir connected with filtration units in pumping station, also concrete bridge over Lake Daniel basin. P. C. Painter, city engr. Noted Apr. 26.

La., Sulphur—Sept. 18 (extended date), by Mayor and Bd. Alderman, waterworks, distribution system. $60,000. L. J. Voorhies, Baton Rouge, engr. Noted Aug. 30.

Ill., Chicago—Sept. 11, by City, City Hall, water service pipes in 21 streets and avenues. M. J. Faherty, pres. Bd. Local Impvts.

Bids Received

Wash., Tacoma—City Council, Aug. 15, 6,917 ft. 32 in. steel mains in East 11th St. and Taylor Way, from Birchfield Boiler Co., Tacoma, $35,647.

Contracts Awarded

N. Y., Fredonia—City, 1 m.g.p.d. rein.-con. filtration plant, to A. Phelps & Son, Detroit, Mich., $64,350.

N. J., Orange — Bd. City Council, City Hall, general contract 1 and 2 story, 67 x 106 ft., brick, steel filtration plant, to E. M. Waldron, Inc., 40 Park Pl., Newark. Est. $100,000. Noted Aug. 16.

La., Kaplan—Mayor and Bd. Alderman, 1 multiple cylinder, vertical type, cold start diesel oil engine with motor and exciter; 500 g.p.m. fire pump direct connected with 3 phase slip ring motor, to Fairbanks Morse Co., 1000 St. Charles St., New Orleans, $18,702; rewiring switchboard, to Electrical Supply Co., 201 Magazine St., New Orleans, $1,044. Noted Aug. 2.

Ill., Highland Park—Village, 4,545 ft. 6 and 8 in. mains in Wood Ridge Subdivision, and 30,950 ft. 6- to 10-in. mains in Sherwood Manor and J. S. Hovland High-

See proposal advertising on page 155

Constr. News page 123

TRADE **"LEADITE"** MARK

Registered U. S. Pat. Office

Waterworks engineers and superintendents prefer to use Leadite for joints—*It assures them that the pipe line will be completed and a revenue producer well within the time allowance.*

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Tested and used for over 30 years

THE LEADITE COMPANY
Land Title Building - - Philadelphia, Pa.

NO CAULKING

Waterworks (Continued)

and Park Acres, to E. A. Meyer Constr. Co., Highland Park, $77,824. Noted June 21.

Ill., Westchester (mail Bellewood) — Water meter stubs, to Walsh & Metzger, 6328 South Chicago Ave., Chicago, $13,059, to P. J. Collins, 5521 Bway., Chicago, $33,-238, and to G. D. Hardin, 3139 Indiana Ave., Chicago, $23,793. Grand total $70,180.

Kan., Belleville—Waterworks improvements, to Layne-Western Co., 405 Mutual Bldg., Kansas City, Mo., $145,000. Noted Aug. 23.

Kan., Centralia—W. R. Wolff, city clk., waterworks, to R. Knox, Clyde, $25,000. Noted Aug. 9.

Mo., St. Louis—Bd. P. Serv., City Hall, 2 sludge pump houses for Missouri River Waterworks Station, Howards Bend, St. Louis Co., to William MacDonald Constr. Co., Chemical Bldg., $22,746. Est. $20,000. Noted July 12.

Tex., Dallas—For 111,560 ft. of 16- to 36-in. concrete c.i. or steel pipe line, to Uvalde Constr. Co., Santa Fe Bldg., $1,-176,677. Noted Aug. 2.

Calif., Tracy—G. L. Frerichs, city clk., 100,000 gal. steel tank and tower, to Pittsburg-Des Moines Steel Co., Rialto Bldg., San Francisco, $7,285; extending waterworks to W. J. Tobin, 527 Santa Ray Ave., Oakland, $28,132. Noted Aug. 23.

Ont., Blind River—M. Dyke, town clk., laying mains, to A. Chercho, North Bay, $76,000. Noted Aug. 2.

Ont., Toronto — Scarborough Twp., general contract 1 m. imperial g.p.d. waterworks filtration plant, to R. H. MacGregor, 261 Donlands Ave., $39,050; filter equipment, to Water Equipment Co., 145 Wellington St. W., $7,095. Est. $50,000. Noted Aug. 23.

Sewers

Proposed Work

N. J., Maywood (sta. Hackensack)—Bd. City Council, Municipal Bldg., preliminary plans trunk storm sewer in Park Way, Lincoln and Wyoming Aves., Williams and Passaic Sts. $35,000. McClave & McClave, 600 Gorge Rd., Cliffside, engrs.

N. J., Westfield — Town Council, Town Hall, storm sewer in Lambert Mill Rd., Clarence St., Grandview and Jefferson Aves. $25,000. J. Hopkins, town engr.

Md., Baltimore—Bd. Awards rejected bids Aug. 22, sewers, storm drains in Sewer Dist. H-1, Storm Water Contr. 117. M. J. Ruark, sewerage engr. Noted Aug. 16.

Miss., Decatur—Preliminary plans sanitary sewers, waterworks, distribution mains. $40,000. Morgan & Co., Edwards Hotel Bldg., Jackson, engrs.

Miss., Lucedale—Preliminary plans complete sewerage system. $40,000. Morgan & Co., Edwards Hotel Bldg., Jackson, engrs.

Mich., Royal Oak (Ind. br. Detroit) — For 9,265 ft. 10- to 21-in. vitr. or concrete sewers in Dists. 12, 13 and 26. $30,000. Hoad, Decker, Shoecraft, Ann Arbor, engrs.

Ill., Girard—Preliminary plans 8 and 10 in. sewers, disposal plant, auxiliary piping. $50,000. W. A. Fuller Co., 1912 Railway Exch. Bldg., St. Louis, Mo., engrs.

Ill., Virden—Preliminary plans sewerage system, disposal plant, 8 and 10 in. sewers. $80,000. W. A. Fuller Co., 1912 Railway Exch. Bldg., St. Louis, Mo., engrs.

Wis., Whitefish Bay (Milwaikee P. O.)—Storm sewer in Birch Ave., also laterals. $400,000. T. F. Buckley, Whitefish Bay, engr.

Ia., Oelwein — Extending sewers, incl. flush tank. $25,000. Barber & Schenk, Waterloo, engrs.

Neb., Gordon—Preliminary plans sewage disposal plant, Imhoff tank, filters, auxiliary piping. $30,000. Henningson Eng. Co., 326 Union State Bank Bldg., Omaha, engrs.

N. D., Fargo—City Clerk bids about Sept. 5, sewers. $40,000. W. P. Tarbell, city engr.

Mo., St. Louis—See "Streets and Roads."

Ark., Pine Bluff — Preliminary plans sewerage system in northeast section city. $50,000. F. R. Allen, city engr.

Ark., Sheridan—Preliminary plans main and lateral sewers, disposal plant in Sewer Impvt. Dist. 1. $38,000. F. R. Allen, Pine Bluff, engr.

Tex., Austin—City Manager soon takes bids sewers in Guadalupe St. $115,000. H. R. F. Helland, city engr.

Tex., Austin—A. R. Johnson, city mgr., soon takes bids sanitary sewers in Country Club Dist. $125,000. H. R. F. Helland, City Hall, engr.

Tex., Austin—H. A. Levander, city supt., 10 blocks storm sewers. $100,000. H. R. F. Helland, City Hall, engr.

Tex., Austin—City, c/o A. R. Johnson, mgr., 3,200 ft. 42 and 54 in. concrete sewer in Comal St.; 4,500 ft. rein.-con. sewer Guadelupe St., $116,000; 2,847 ft. Oldham St.; improving sewers in various streets, $125,000. H. R. F. Hellard, City Hall, engr.

Tex., Hallettsville — Election Sept. 17, $35,000, sewerage system.

Okla., Lawton—Sewers, disposal plant. $150,000. Benham Eng. Co., 1106 Perrine Bldg., Oklahoma City, engrs. Noted June 14.

Ont., Hamilton—Council overflow sewer on Gage Ave., extending other sewers. $500,000. W. L. McFaul, City Hall, engr.

Ont., Hanover—For 2 mi. 8 in. and up vitr. tile sewers. $25,000. Ontario Eng. Co., Fort Erie, engrs.

Ont., Palmerston—Town Council activated sludge sewage disposal plant. $35,000. F. W. Thorold, Town Hall, engr.

Bids Desired

N. Y., Brooklyn — Sept. 12, by J. J. Byrne, pres., Brooklyn Boro, Boro Hall, sewer in Avenue S and Lenox Rd.

N. Y., Mamaroneck — Sept. 10, by Bd. Sewer Comn., Edgewood Rd., Larchmont, 5,700 lin.ft. 8- to 18-in. vitr. and 443 c.i. sewers; adv. E. N.-R. Sept. 6.

N. Y., St. Johnsville—Sept. 14, at office W. Wilsey, village clk., 2,200 lin.ft. 15 and 16 in. c.i. trunk sewers. M. Vrooman, Gloversville, engr.; adv. E. N.-R. Sept. 6.

N. J., Highland Park—Sept. 10, by City Council, 14,779 lin.ft. 8 and 12 in. vitr. sewers. R. P. Wilson, 46 Paterson St., New Brunswick, engr.

N. J., Newark—Sept. 11, by G. C. Bergen, purch. agt. Essex Co., Hall of Records, 1,125 ft. storm drains in Branford Ave. and 450 lin.ft. 24 in. rein.-con. sewers in Gregory Ave., for Bd. Freeholders Essex Co.

Md., Baltimore—Sept. 13, by Bd. Awards, storm water drains in Sewer Dist. P-3, Storm Water Contr. 120 and Sewer Dist. P-4, Storm Water Contr. 122. M. J. Ruark, sewerage engr.

Miss., Pelahatchie — Sept. 14, by J. L. Atkins, city clk., 2,100 ft. 8 in. vitr. clay sewers, 12 manholes, 800 ft. house connections. Morgan & Co., Inc., Edwards Bldg., Jackson, engrs. Noted May 31.

Ill., Chicago — Sept. 11, by City, City Hall, drains in 42 streets and avenues; tile sewers with brick manholes, catch basins in 10 avenues. M. J. Faherty, pres. Bd. Local Impvts.

Tex., Corpus Christi—Taking bids storm sewers in Morgan St. between 19th St. and the Bay. $40,000. H. Levinson, city engr.

Okla., Clinton — Sept. 17, by W. A. Shouse, city clk., 14,200 ft. 8 in. rein.-con. sewer in Sewer Dist. 6. $28,000. Banham Eng. Co., Gumbel Bldg., Kansas City, Mo., engrs.

Okla., Oklahoma City—Sept. 11, by M. Peshek, city clk., 2,400 ft. 48 in. rein.-con. sewers in May Ave. $30,000. W. W. Small, City Hall, engr.

Calif., Los Angeles—Sept. 26, by Bd. P. Wks., sewage pumping equipment in North Outfall Screening Plant at Hyperion.

Bids Received

N. Y., Long Island City—B. M. Patten, pres. Queens Boro, Queens Subway Bldg., Aug. 30, sewer in (1) Ely Ave. (2) 21st Ave. (3) 50th St. (4) 62nd St. (5) 70th St. (6) Bayside Ave. (7) 102nd Ave. (8) 102nd Rd. (9) 109th Ave. (10) Jamaica Ave. (11) Sutphin Blvd., from J. Gallo Co., 35-10 Bway., Brooklyn. (1) Proposal 3 $88,925; from Lione Constr. Co., (2) Proposal 1, $1,833; from A. Mannano, 263 86th St., Brooklyn (3) Proposal 1 $2,280; from J. D. Walsh Co., 132 4th St., Brooklyn (4) Proposal 3 $21,348 (6) Proposal 1 $714; from J. H. Johnson Co., 37 Brittin Ave., Elmhurst (5) Proposal 1 $23,535 (4) Proposal 1 $33,984; from Murphy & Richmond, Inc., 50 Court St., Brooklyn (4) Proposal 4 $27,422 (5) Proposal4 $24,381; from Manmill Constr. Co., 1780 Pitkin Ave., Brooklyn (5) Proposal 3 $24,314; from D. A. Gross, 8515 Fulton St., Woodhaven (7) Proposal 1 $1,436 (8) Proposal 1 $1,470; from A. W. Matarazzo, 1163 61st St., Brooklyn (9) Proposal 1 $34,481 (8) Proposal 3 $34,393; from Flushing Contg. & Eng. Co., 66 Wyoming Ave., Flushing (9) Proposal 4 $34,461 (10) Proposal 2 $6,601; from E. Clemente, 9414 108th Ave., Brooklyn (10) Proposal 1 $4,529. Noted Aug. 23.

N. J., Caldwell—Bd. Boro Council, Municipal Bldg., sewer in Smull Ave., from C. DeFazrio, 109 Whittlesey Ave., West Orange, $26,365. Noted Apr. 12.

Ala., York—Storm and sanitary shoulders, river disposal, from Hancock Bros., 310 St. Michael St., Mobile, $35,933.

Tenn., Knoxville—City (1st unit) South Knoxville Sanitary Sewer through 25th St., from V. B. Higgins Co., Charlotte, N. C., $62,445; replacing Western Avenue handrailing, from Knoxville Roofing & Paving Co., 910 Grainger St., $5,419.

Mich., Detroit—Dpt. P. Wks., 4,672 ft. 7 ft. 6 in. to 4 ft. 6 in. cylinder River Rouge Interceptor E, Sect. 7, in Fenkell and Riverdale Sts., from J. Loquer, Transportation Bldg., $81,368.

Calif., Los Angeles—For 42,480 ft. 6 and 8 in. D. & W. vitr. sewer in Belleflower Unit 1, Ardmore and Clark Aves., Impvt. 794, and 55,450 ft. 8- to 18-in. vitr. sewers Hynes-Clearwater Sect. Adams and Centre Sts., Impvt. 743, from Brkich, Ramljak & Grizel, Los Angeles, $63,818 and $147,427 respectively; 1,000 ft. and 2,000 ft. rein.-con. drain in Verdugo Wash. between Glenoaks Blvd., and Geneva St., from S. W. Gleim, 240 Byrne Bldg., $13,337 and $26,740 respectively.

Contracts Awarded

Mass., Boston—Sewerage works in D St. South Boston to C. Russo, 499 Beech St., Roslindale, $22,856. Est. $25,000.

Conn., Bridgeport — Completing syphon sewer, Burr Creek, Black Rock, to Bridgeport Dredge & Dock Co., 1024 Main St., $27,588.

N. J., Maywood (sta. Hackensack)—Boro Council, Boro Hall, sanitary sewer in Coles St., Spring Valley, Maywood, Stelling, Patterson, Rutherford and Collingswood Aves., to G. DiNapoli, Inc., 80 Main St., Hackensack, $36,390. Noted Aug. 16.

N. J., Midland Park — Bd. Freeholders Bergen Co., Court House, Hackensack, storm drain in Glen Ave., to G. F. Brackett, Heights Rd., Ridgewood, $29,758.

N. J., Newark—Essex Co., Hall of Records, sewers in Roseland Ave., to M. Bolce, 4810 Hudson Blvd., West New York, $11,-008; Chancellor Ave., to Maduro & Testa, 67 Day St., Montclair, $16,014; around Essex Co. Penitentiary, to Frazier Constr. Co., 62 East 15th St., Paterson, $5,259. Grand total $32,371. Noted July 26.

Pa., Phila.—Dpt. P. Wks., Bureau of Engineering & Survey, to Jafalla & Mark, Inc., 608 Lindley Ave., main sewer in Mansfield Ave. $115,737; to Higgins & Reilly, Real Estate Trust Bldg., Robbins St. $66,514; to Mazzola & Marano, 739 South 7th St., Tabor Ave. $78,234; to Vattiere & Pontarelli, 523 Rising Sun Ave., branch sewer in Ashley, 18th and Penfield Sts. $46,430, Bristol St. $8,962, G St. $19,-901, H St. $8,149; to J. T. McDonnell & Co., 2513 South Front St., Dorel St. $4,201; to Campbellone & Diorio, 3856 North Front St., Dungan St. $2,718, Hartel St. $2,421, Snyder Ave. $3,930; to F. Jafalla, Cheltenham, 4th St. $5,424; to Perna & Mattia, 310 North 65th St., Gilham St. $10,449; to A. J. Henderson, 825 East Washington Lane, Boyer and Roumfort Sts. $21,319; to Garson & Garson, 1243 North 58th St., Ruskin Rd. $8,510. Grand total $402,899. Noted Aug. 9.

Md., Towson — Baltimore Co., Court House, sewers in vicinity Arbutus and Halethorpe, to Chesapeake Constr. Co., 216 St. Paul St., Baltimore, $92,791. Noted July 26.

Va., Richmond—Noble Avenue Sewerage System, to Van Doren Bros., 2911 Hawthorne Ave., $86,974.

W. Va., Star City—Sewerage system, to Nero & Patrick Constr. Co., Cleveland, O., $32,304.

N. C., Fayetteville—For 17,564 ft., 8 to 22 in. vitr. sewers, to Porter Constr. Co., Charlotte, $28,834.

Ala., Parish—For 13,500 ft. 6- to 10-in. vitr. clay sanitary sewers, septic tank, to J. B. McCrary Co., City & State Bank Bldg., Atlanta, Ga., $21,000.

O., Cincinnati—C. O. Sherrill, city mgr., City Hall, Mill Creek Intercepter Contr. 8, 6,225 ft. 48- to 54-in. rein.-con., and 1,720 ft. 8- to 15-in. vitr. clay pipe, to Cannell-Conrad Constr. Co., Todd Bldg., Louisville, Ky., $126,024. Est. $237,499.

O., Cleveland Heights (Warrensville P. O.)—To Janashek & Callow, 13606 Union Ave., Cleveland, sewers and water mains in Woodview Ave. $3,942, Renfield Ave. $11,150, Keystone Ave. $10,135, Quarry Dr. $12,189. Grand total $37,416. Noted Aug. 2.

Mich., Birmingham—For 19,768 ft. 6- to 21-in. vitr. sewers, Assessment Dists. 123 and 144, Golf View Heights Subdivision, to Bradley & McDermott, Birmingham, $32,047.

Mich., Detroit—Dpt. P. Wks., Fenkell Ave. Arm Sects. 1 and 2, and Lyndon Ave. Sewer Sects. 1 and 2, to J. A. Mercier-Brandon Co., 616 Hammond Bldg., $471,499; Fenkell Ave. Sewer Sect. 3, to J. Loguer, Transportation Bldg., $102,636; Puritan Ave. Sewer Sect. 2, to Wayne Constr. Co., 1901 Washington Blvd. Bldg., $73,572, all foregoing East of River Rouge; Norfolk Ave. Arm East of Hubbell Ave. Sewer, Rouge River Interceptor East, Sect. 5, and Puritan Ave. Sewer Sect. 1, East of River

Constr. News page 124

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OTHER PLANTS

ST. LOUIS PARK, MINN. SEATTLE, WASH. MOBILE, ALA. NORFOLK, VA. SALT LAKE CITY, UTAH

Sewers (Continued)

Rouge, to Detroit Drainage Constr. Co., 8725 Agnes Ave., $335,236; Warren Ave. Arm West of Southfield Sewer, to Oakwood Constr. Co., Oakwood Ave., $232,945. Grand total $1,215,888. Noted Aug. 2.

Ill., Columbia — Sewerage system, to Thompson Constr. Co., 207 West 4th St., Davenport, Ia., $4,964. Est. $70,000. Noted July 12.

Ill., Mount Olive—Sewerage system, disposal plant, Dist. 2, to Hawk & Brockner, Monee. Est. $85,000.

Wis., Milwaukee—Dpt. P. Wks., R. E. Stoelting, comr., to P. & L. Co., 1107 Humboldt Ave., sewer in alley west of 39th St. $935, Nash St. $417; to Wenzel & Henoch, 498 27th St., Burdick Ave. $968, Griffin Ave. $495, Howell Ave. $9,740, North Ave. $2,037; to Dervos & Holquist, 457 Mineral St., 1 row $660, 11th Ave. $1,067, 29th Ave. $6,628, Windemere Court $1,664, to Clayton Constr. Co., Port Washington Rd. and Genks Ave., Chase Ave. $26,502; to Zimmermann & Zimmermann, 2826 State St., East Holt Ave. $14,584; to J. Brogan & Son, 16th St. and North Ave., Whitnall Ave. $8,997; to General Contractors, 86 48th St., Dakota St. $5,119. Grand total $78,613. Noted Aug. 16.

Ia., Creston—B. Tallman, city clk., 3,100 ft. 15- to 48-in. brick, concrete sewers, to H. J. Petersen Co., 303 Baum Bldg., Omaha, Neb., $9,409. Noted Aug. 2.

Minn., Alexandria—H. S. Campbell, city clk., sewerage system, to Starbuck Constr. Co., Starbuck, $66,000; disposal plant, pumphouse, to T. Jensen, St. Cloud, $65,000. Noted July 26.

Kan., Topeka—Sewage disposal plant, to Carrothers Constr. Co., 6803 East 39th St., Kansas City, Mo., $39,000. Noted May 19, 1927.

Mo., Kansas City — Sanitary sewers in Dist. 336, Div. 5, to T. P. Thompson, 3908 Forest Ave., $25,565.

Mo., St. Louis—Bd. P. Serv., City Hall, to F. A. Stiers, Magazine St. and Garrison Ave., Hampton Ave. Joint Sewer, $36,425; to R. C. Micotto, 2516 Arlington Ave., Wherry Ave. Dist. Sewer 2 $7,958, Rock Creek Dist. Sewer 14 $2,913, 16 $589, 17 $3,305, Highland Dist. Sewer 1 $1,553; to F. M. Luth, 4135 Flora Ave., Des Peres Sewer 4, $17,480. Grand total $70,223. Noted Aug. 9.

Tex., Houston—Concrete storm sewerage system in Yale St., to Standard Constr. Co., 523 Esperson Bldg., $134,000. Est. $160,000. Noted July 19.

Tex., San Juan — Sewerage system, to Agar & Gentry, San Benito, $75,000. Noted Aug. 23.

Okla., Shawnee — Sanitary lateral sewer in Dist. 114, to H. L. Cannady Co., 1122 South Lewis St., Tulsa, $32,698.

Wash., Seattle—Bd. P. Wks., sewers in 10th Ave. S., to F. N. Badolato, Box 561, $36,151.

Calif., Los Angeles — Vitr., concrete sewers in Colorado Blvd. and Floristan Ave. Sewer Dist., to J. Chutuk, Wilcox Bldg., $84,418.

Calif., Montebello — Vitr. sewers, manholes, in Maple Ave. and streets, to H. H. Peterson, 1711 West Atlantic St., San Diego, $55,007.

Calif., San Rafael—Outfall sewer, pumping plant, to Frederickson & Watson, 354 Hobart St., Oakland, $82,923.

Ont., Sandwich — Sewers in Lena St., Manchester and Matchette Rds., to Colouttl Bros., 612 Langlois Ave., Windsor, $35,000. Springs, 700,000 cu.yd. drainage work, to B. W. Robbins, Tupelo, $66,000.

Waste Disposal

Proposed Work

N. J., Bogota—Bd. City Council disposal plant addition. $50,000. R. L. Schweiger, Jr., boro engr.

O., Cleveland—City, W. S. Ferguson, dir. Pub. Serv., garbage disposal plant, incl. equipment, conveyors, mechanical feeders, separators, 16 h.p. destruction plant, brick, steel, concrete, Clark Ave. $850,000. C. O. Bartlett & Snow Co., 6200 Harvard Ave., engrs.

Contracts Awarded

N. Y., Syracuse—Bd. Contr. & Supply, 3 story, incinerator, to Huber Bros., Syracuse, $105,877. Noted Aug. 16.

N. J., Paterson—Bd. P. Wks., City Hall, power plant at refuse incinerator plant, to Turbine Equipment Co., 30 Church St., New York, $24,994. Noted July 26.

Bridges

Proposed Work

Mass., Saugus — Town, Bd. Selectmen rein.-con., bridge over Saugus River, on Woodbury Ave. $25,000 or more. Private plans.

N. J., Cranford—Twp. Com., Town Hall, preliminary plans additional span on bridge, on Union Ave. $50,000. J. Collins, twp. engr.

Virginia — State Hy. Comn., Richmond, expending $300,000, reconstructing bridges in various counties washed away by recent floods.

O., Youngstown—Bd. Control soon takes bids bridges, Forest Ave., $950,000, city appropriates $600,000 tunnel cost—Division St., $2,600,000—and bridge West Ave., $400,000, City $300,000 toward cost. G. Turner, Youngstown, engr.

Mich., Orion—One 75 ft. single span rein.-con. arch bridge from Mainland to Bellevue Island. $25,000. Vernor, Wilhelm & Shreve, 750 Book Bldg., Detroit, engrs.

Tex., Albany — State Hy. Comn., R. S. Sterling, chn., Austin, 150 ft. steel truss and nine 31 ft. concrete girder spans, 155 ft. concrete pile trestle over Clear Fork Brazos River on Hy. 23, Shackelford Co. $70,000. T. E. Pirie, Albany, co. engr.

Tex., Anderson—State Hy. Comn., R. S. Sterling, chn., Austin, one 160 ft. steel and twelve 26 ft. rein.-con. girder approach span bridge, earth fill approaches over Navasota River, Hy. 6, Grimes Co. $90,000. O. H. Seward, Jr., Navasota, engr.

Tex., Navasota—Anderson Co., steel, concrete bridge across Navasota River, on Hy. 6. $90,000. O. A. Seward, Navasota, engr.

Oklahoma — State Hy. Dpt., Oklahoma City, preliminary plans 2 span 190 ft. steel truss bridge on piers over Coon Creek, on Hy. 64, near Taft, Muskogee Co., $40,000; 7 span 1,400 ft. bridge over Arkansas River, at Sand Springs, Tulsa Co., $60,000. C. R. Mandigo, hy. engr.

Calif., Caspar—Mendocino Co. (Ukiah) 500 ft. concrete bent trestle over Caspar Creek, near here.

Calif., Rumsey—Yolo Co. (Woodland), 3 span steel bridge over Cache Creek, near here. $50,000. A. G. Proctor, Woodland, co. engr.

Que., St. Bruno—Town Council bridge. $250,000.

Ont., Hamilton—City Council steel, concrete bridge over railway tracks, on Mary St. $60,000. W. L. McFaul, City Hall, engr.

Bids Desired

N. Y., Long Island City—Sept. 11, by Park Bd., W. R. Herrick, pres. Park Dpt., Arsenal Bldg., Central Park, New York, bridge over Myrtle Ave., Forest Park.

Pa., Phila.—Sept. 13, by C. E. Walsh, purch. agt. Pennsylvania R.R. Co., 15 North 32nd St., bridges, Contr. 70-1928.

Maryland — Sept. 11, by State Roads Comn., Baltimore, double span rein.-con. arch bridge over Gunpowder Falls, Contr. B-90, Baltimore Co.—single span rein.-con. arch bridge on Paper Mill Rd., Contr. B-93, Baltimore Co.—new slab and extension to abutments existing girder bridge, Contr. F-120, Frederick Co. J. N. Mackall, chn.

W. Va., Morgantown — Sept. 14, by Morgantown Co. Court, steel superstructure South Park Bridge. $100,000. W. S. Price, Morgantown, engr. Noted Apr. 9.

N. C., Greensboro—See "Water Works."

Miss., Indianola—Sept. 10, by Bd. Aldermen, altering, enlarging Indian Bayou Bridge, incl. 19 foundation pieces, 18 tons structural steel, 7,480 sq.yd. wearing surface, 1,700 sq.yd. concrete slab. R. I. Weissinger, clk.

Michigan—Sept. 19, at Macomb Co. Road Office, Mt. Clemens, S. R. Bridge 1 of 50-6-25, C 1 and 2, 7 span 320 ft. steel deck girder, for State Hy. Dpt., Lansing. C. L. Cowgill, Plymouth, resident engr.

Missouri—Sept. 14, by State Hy. Comn., Jefferson City, bridges in Audrain, Carroll, Cooper, St. Louis, Oregon, Scotland Counties. T. H. Cutler, ch. engr.

Texas—Sept. 17, by G. Gilchrist, state hy. engr., Austin, rein.-con., steel bridge on Hy. 30, Knox Co., $31,600—bridge on Hy. 3, Kinney Co., $41,400.

Okla., Martha—Sept. 10, by E. Maxwell, clk. Jackson Co., 6 span 88 ft. rein.-con. bridge, 19.27 tons I-beam and 11.82 tons reinforcing steel. $25,000. J. C. Chisum, Altus, engr.

Wash., Cashmere—Sept. 18, by Comrs. Chelan Co., Wenatchee, steel, concrete bridge over Wenatchee River, near here. $55,000. M. M. Caldwell, Central Bldg., Seattle, engr.

Ont., Arnprior—Sept. 11, by T. H. Grant, town clk., 500 ft. beam and girder concrete, rein.-con. bridge, and dam over Madawaska River. $80,000. James, Proctor & Redfern, 36 Toronto St., Toronto, engrs. Noted Aug. 16.

Bids Received

New Jersey—State Hy. Comn., Trenton, bridge over Cape Island Creek, Cape May Co., from Whittaker & Diehl, Union Trust Bldg., Harrisburg, Pa., $126,988. Noted Aug. 8.

Michigan—E. R. Benkert, resident engr., Port Huron, Aug. 23, M. Bridge 2 of 32-20-3, C-1 and 2, one 45 ft. span, Huron Co., for State Hy. Dpt., Lansing, Contr. 1, from McClintic Marshall, 1242 Book Bldg., Detroit, $1,508; Contr. 2, from P. C. Raymond, Rochester, $8,755.

Louisiana — State Hy. Comn., Baton Rouge, Aug. 14, Chef Menteur Bridge, from Wisconsin Bridge & Iron Co., North Milwaukee, Milwaukee, Wis., $212,759; Rigolets Bridge, from Nashville Bridge Co., foot Shelby Ave., Nashville, Tenn., $413,239. Noted July 19.

Calif., Redding—State Hy. Dpt., Sacramento, Aug. 22, rebuilding bridge over Sacramento River, Shasta Co., near here, from R. B. McKenzie, Gerber, $29,610. Est. $32,506. Noted Aug. 9.

Contracts Awarded

Vermont — State Hy. Dpt., Montpelier, bridge in Milton, to Standard Eng. & Constr. Co., 2463 Bway. St., Toledo, O., $6,5676; overpass and bridge in Bethel, to C. I. Hosmer, 87 Prospect St., Greenfield, Mass., $75,840. Noted July 5.

North Carolina—State Hy. Comn., Raleigh, rein.-con., bridge, culverts on Project 6320, Gaston Co., to Hobbs-Peabody Constr. Co., Charlotte, $31,502. Noted Aug. 23.

Tennessee—State Dpt. Hys. & P. Wks., Nashville, bridges on P-147-B, Carroll Co., to S. K. Jones Constr. Co., Cotton Exch. Bldg., Memphis, $66,257—P. 315-C, Decatur Co., to McAdoo Constr. Co., Union City, $55,896—P. 383-B, Giles Co., to Orr-Barnes Co., Chattanooga, $100,429. Grand total $222,582. Noted July 26.

Ia., Independence—One 50 x 20 ft. and one 60 x 20 ft. pony truss bridges, 24 x 24 ft. deck girder bridge, 32 x 24 ft. I-beam span, Project 548, to J. B. Elliott, Independence, $37,400.

Ia., Ottumwa — Louisa Co., 60 x 20 ft. pony truss bridge, 29 culverts, Project 250, Road 2, to Ingersoll Stoufer Eng. Co., Marshalltown, $34,300.

Kan., Eldorado—Butler Co., bridge on State Project 655, to R. K. Walters, Marion, $14,728; 4 bridges, to Western Bridge Co., Harrisonville, Mo., $14,854; Chelsea Rd. culverts and bridge, to Hampson Constr. Co., Fredonia, $8,950; bridges, to King & Kennedy, Eldorado, $3,939. Grand total $42,471. Noted Aug. 2.

Kan., Liberal—Seward Co., bridge on Federal Aid Project 369-A, to A. R. Mackey, Greeley, Colo., $33,227. Noted July 26.

Kan., Manhattan—Riley Co., bridges to Gustafson & Forsburg, Leonardville, $24,974, and to V. E. Almgren, Manhattan, $2,899 — sand-gravel surfacing Project 168-A, to Walter Bros., Manhattan, $5,283 —concrete guttering U. S. Rd. 40, to Reed & Wheelock, Clay Center, $4,087. Grand total $37,244.

Nebraska—Dpt. P. Wks., Lincoln, three 100 ft. pony truss span bridge on Norfolk-Columbus Federal Aid Project 5, to Western Bridge & Constr. Co., 3867 Leavenworth St., Omaha, $43,951—21 x 24 ft. treated timber trestle spans on Oakland-South Sioux City Federal Aid Project 49-A, to Beatty Contg. Co., Blair, $2,938—one 80 ft. truss and two 20 ft. I-beam approach spans on Bancroft-Pender Federal Aid Project 302-C, to Walters Constr. Co., Franklin graveling 2.2 mi. Lynch-Spencer State Rd. 286-K, to Engler Bros., Lexington, $1,939.

Montana — State Hy. Comn., Helena **(F.A.P. means Federal Aid Project).** 855 lin.ft. timber pile trestle on F.A.P. 158-B, Unit 2, Custer Co., to Elliott & Nesbitt, Havre, $32,074—39 ft. steel I-beam bridge on Unit 2, same project, to E. R. Hays, Boseman, $7,432.

Arkansas—See "Stretes and Roads."

Oklahoma — State Hy. Dpt., Oklahoma City **(e.e. means engineers estimate)**, to Stephens County Constr. Co., Marlow, 5 span 106 ft. rein.-con. bridge at Westville, Adair Co. $23,165 e.e. $25,000; 2 span 160 ft. steel truss bridge on piers at Walters, Cotton Co. $26,025 e.e. $27,500; 5 span 82 ft. rein.-con. bridge at Christie, Cherokee Co., $23,665 e.e. $25,000; 6 span, 136 ft., rein.-con. bridge at Okemah, Okfuskee Co., $28,439 e.e. $30,000, to Southwestern Constr. Co., Ardmore, 2 span, 160 ft. steel truss bridge on concrete piers at Apache, Caddo

Constr. News page 125

Bridges—(Continued)

Co., $31,711 e.e. $35,000; 6 span 106 ft. pile trestle bridge at Alva, Woods Co., $17,163 e.e. $25,000; to Nims & Frost, hydro, 4 span 74 ft. rein.-con. bridge at Atoka, Atoka Co., $23,708 e.e. $25,000; 15 span 210 ft. trestle bridge over Beaver River, Beaver Co., $23,245 e.e. $25,000; 3 span 550 ft. steel truss bridge on piers at Anadarko, Caddo Co., $44,780 e.e. $55,000; 6 span 120 ft. rein.-con. bridge at Ninnekah, Grady Co., $23,245, e.e. $25,000—to Boardman Co., Maple St., Oklahoma City, 2 span 200 ft. steel truss bridge on piers at Lawton, Commanche Co., $30,801 e.e. $35,000—to G. Williams, Empire Bldg., Oklahoma City, 1 span 96 ft. steel truss bridge on piers at Paden, Okfuskee Co., $19,865 e.e. $25,000—to Granville & Hamblin, Manhattan Bldg., Muskogee, 10 span 146 ft. rein.-con. bridge at Coalgate, Coal Co., $63,232 e.e. $70,000—to J. S. Wade, Sulphur, 1 span 130 ft. steel truss bridge on concrete piers at Mill Creek, Johnston Co., $23,817—to Woodward Constr. Co., Woodward, rein.-con. bridge near Allen, Pontotoc Co., $18,292 e.e. $25,000. Grand total $421,153. Noted July 26.

Colo., Denver—C. D. Vail, mgr. Parks & Impvts., 2521 Vine St., steel bridge, concrete abutments across Platte River, on West 8th Ave., to A. S. Horner Constr. Co., C. A. Johnson Bldg. Est. $40,298.

Washington—State Hy. Comn., Olympia, 1,150 ft. bridge over Skagit River, at Marblehead, Skagit Co., to Alexander & McNeil, Mt. Vernon $97,670, 992 ft. bridge over Nooksack River at Nugents Crossing, Whatcom Co., to Ward Constr. Co., P.O. Box 1146, Tacoma, $114,958. Noted July 26.

Calif., Santa Rosa—For 2 rein.-con. bridges, on Main and Sonoma Aves., to W. Proctor, 12 West 10th St., $44,840.

Dams

Bids Desired

B. C., Penticton — Sept. 18, by S. E. O'Brien, secy. Dpt. P. Wks., Ottawa, Ont., control dam across Okanagan River, Yale Dist.

Railways

Proposed Work

Virginia — Virginia & Northwestern Ry. Co. (Subsidiary of Virginia Ry. Co., Norfolk, A. M. Traugatt, ch. engr.), 40.6 mi. railroad from point of connection with Guyandotte Branch of Virginia R.R. to connect with Chesapeake & Ohio at Gilbert. $7,500,000.

West Virginia—Guyandotte & Tug Ry. Co., (subsidiary Norfolk & Western Ry. Co., Roanoke, Va., W. P. W. Wiltsee, ch. engr.), 53 mi. railroad from Gilbert to Wharncliffe. $2,500,000.

Ontario—Toronto Transportation Comn., Yonge and Front Sts., Toronto, D. W. Harvie, engr., 4 mi. double tracking on Kingston Rd., incl. new ties, 80-lb. rails, trolley wire, trolley arms, grading, in Scarborough Twp. $150,000.

Contracts Awarded

Minnesota—Duluth Street Railway Co., H. Warren, genl. mgr., 2631 West Superior Ave., Duluth, reconstructing 6 blocks tracks on West Michigan St., incl. 150 tons 92 lb. T-rails, 114 tons guard rail, 3,000 white oak ties and 2,000 yd. gravel, in Duluth, own forces. J. Carson, 2631 West Superior St., Duluth, engr.

Excavation, Drainage, Irrigation, Levees, River and Harbor

Proposed Work

Mass., Nantucket—R. D. Elder & H. C. Smith dredging Nantucket Harbor, building timber pier. $25,000. Private plans.

La., Alexandria—Red River, Atchafalya & Bayou Boeuf Levee Dist., S. E. G. Richard, pres., Commercial Bank Bldg., preliminary plans enlarging, strengthening levee from Alexandria to Boyce and floodgates system in Bayou Rapids. $22,500.

Illinois—Division Waterways, Dpt. Purchases & Constr., State House, Springfield,

Constr. News page 126

rejected bids Aug. 8, Contr. 11, Marseilles Canal, Marseilles, Starved Rock, Dresden Island and Brandon Pools. Noted July 19.

Ill., Vandalia—Okaw Valley Outlet D. D., c/o W. J. Schenker, comr., bids late in 1928 or early in 1929, straightening 100 mi. Kaskaskia River through Fayette Co., reclaiming 20,000 acres bottom land, incl. 10,000,000 cu.yd. excav. suitable for 100 ft. dragline. $1,000,000. J. V. Waddell, Vandalia, engr.

Tex., Beeville—Bee Co. Irrigation Syndicate, Inc., subsidiary of Wimer Richardson Co., Travis and Jefferson Sts., San Antonio, irrigating 11,000 acre tract for sub-division, near here. $250,000.

Bids Desired

N. Y., Howard Beach (br. Jamaica) — Sept. 10, by M. Cosgrove, comr. Docks, Pier "A," foot Battery Pl., North River, New York, dredging channel at Howard Beach, Jamaica Bay, Contr. 1889. Noted Nov. 24.

Ill., Monticello — Sept. 8, by Drainage Comrs. Goose Creek D.D. 1, Piatt Co. at Enterprise School House, 4.06 mi. ditch work, incl. 34,122 cu.yd. excav. W. J. Day, Bement, engr.

Bids Received

New Jersey—Port Raritan Comn., Perth Amboy, Aug. 25, dredging 200,000 cu.yd. South River, from W. H. Gahagan Co., Inc., 147 Remsen St., Brooklyn, N. Y., at $0.18 per cu.yd.; 19,000 cu.yd. Smith Creek, from Gust Wickberg & Sons, Perth Amboy, $0.39.

Contracts Awarded

Mississippi—Pigeon Creek D.D. Marshall, Tate and Desoto Counties, at Holly 700,000 cu.yd. drainage work to B. W. Robbins, Inpelo, $66,000.

Illinois—Division Waterways, Dpt. Purchases & Constr., State House, Springfield, Contrs. 8 and 10, incl. machinery for Marseilles Canal, Marseilles, Starved Rock, Dresden Island and Brandon Pools, to Independent Bridge Co., P. O. Box 1920, Pittsburgh, Pa., $340,222 and $970,385 respectively. Noted Aug. 23.

B. C., Steveston — S. E. O'Brien, secy. Dpt. P. Wks., Ottawa, Ont., extending 5,000 ft. jetty or training wall for Fraser River, to Coast Quarries Ltd., 837 Hastings St. W., Vancouver, $260,000. Noted July 19.

Streets and Roads

Proposed Work

Mass., Boston—Dpt. Pub. Wks., paving Blue Hill Ave. $50,000. J. H. Sullivan, comr.

Mass., Revere (br. Boston)—City, Bd. Aldermen, permanent construction streets and sidewalks. $31,000. Private plans.

N. Y., Buffalo—Paving Irving and Coe Pls., Hertel, Woodward, Sweet, Jewett, Sprenger, Norwood, Virgil, Hollywood and Highland Aves., Seneca, Pontiac, Newburgh and William Sts. C. E. P. Babcock, city engr.

N. J., Asbury Park—City Comn. paving Plaza Pl., Asbury, Lake and Ocean Aves. $42,500. N. Rogers, Asbury Park, engr.

N. J., Bayonne—Bd. City Comrs., City Hall, preliminary plans grading, sheet asphalt on 5 in. concrete paving Trembley Court. $25,000. W. Clarkson, city engr.

N. J., Cranford — Twp. Comn., Town Hall, curbing, 7 in. rein.-con. paving Lincoln, Meeker, North and South Aves. $27,000. J. Collins, twp. engr.

N. J., East Orange—Bd. City Council, City Hall, preliminary plans grading, sheet asphalt on Telford or concrete paving Bedford St. $30,000. E. Willigerod, city engr.

N. J., Elizabeth—Bd. P. Wks., City Hall, curbing, sheet asphalt on 6 in. concrete paving Jefferson Ave. from Elizabeth Ave. to Grand St. $52,000. T. Collins, city engr.

N. J., Hackensack—Hackensack Impvt. Comn., Municipal Bldg., grading, sidewalks, 2 in. Topeka on 6 in. stone paving Kaplan, Parker, Simmons and Rowland Aves. $140,000. F. Campbell, 167 Main St., city engr.

N. J., Hillside (br. Elizabeth)—Twp. Com., Municipal Bldg., curbing, 7 in. rein.-con. paving Fairbanks St., and Looker Ave., $35,000; Conklin Ave., $39,700. C. Luster, 286 North Broad St., Elizabeth, engr.

N. J., Jersey City—Bd. City Comrs., City Hall, preliminary plans sheet asphalt on concrete repaving Summit Ave. from Fleet St. to Paterson Ave., Trembley Court. $25,000 each. C. A. Van Keuren, city engr.

N. J., Maplewood (br. South Orange) — Twp. Com., Municipal Bldg., grading, macadam paving Elmwood Ave. extension, $25,000. E. R. Halsey, 79 Academy St., Newark, twp. engr.

N. J., Newark—Bd. City Comrs., City Hall, curbing, sidewalks, sheet asphalt on concrete paving Schofield St. from Stuyvesant to Sanford Aves. $25,000. J. W. Costello, city engr.

N. J., New Milford—Bd. City Council, Municipal Bldg., preliminary plans grading, asphalt bound macadam paving Lefbox Ave., from Main to Fulton Sts. $25,000. A. Noack, 236 Main St., Hackensack, engr.

N. J., North Bergen (Ind. br. Weehawken)—Twp. Comn., Town Hall, grading, sheet asphalt or reclipped block paving Centre St. from Hudson Blvd. to Cottage St. $25,000. R. B. Glenn, town engr.

N. J., Rocky Hill—Somerset Co., Somerville, grading, waterbound macadam surfacing road from Rocky Hill to Lincoln Hy. $100,000. O. Smith, Court House, co. engr.

N. J., Roselle (Ind. br. Elizabeth)—Boro Council, Boro Hall, preliminary plans sheet asphalt on concrete or rein.-con. paving Harrison Ave. from 6th to 7th Sts. $25,000. W. Von Wagoner, boro engr.

N. J., Roselle (Ind. br. Elizabeth)—Bd. Freeholders Union Co., Elizabeth, preliminary plans grading, concrete, sheet asphalt or stone block on concrete paving Third Ave.; sheet asphalt on concrete paving Lincoln Ave. $25,000 each. J. L. Bauer, Court House, co. engr.

N. J., Trenton—Bd. Freeholders Mercer Co., concrete paving Franklin Corner Rd. from Bakers Basin to Morris Hall, 40 ft. $75,000. H. F. Harris, Trenton, co. engr.

N. J., Union—Twp. Com., Town Hall, curbing, 7 in. rein.-con. paving Elmwood Ave. from Morris to Stuyvesant Aves. $85,000. H. Kreh, Jr., 286 North Broad St., Elizabeth, twp. engr.

N. J., Union — Bd. City Council City Hall, grading, sheet asphalt on concrete paving Hudson Blvd., 11th, 24th and 22nd Sts. $85,000. J. Maulbeck, city engr.

N. J., Verona (Ind. br. Montclair)—Bd. Boro Council, Boro Hall, preliminary plans grading, rein.-con. paving Linden Ave. $25,000. Miller & McGiffert, 484 Bloomfield Ave., Bloomfield, boro engrs.

North Carolina—State Hy. Dpt., Raleigh, grading, 7 mi. Project 630, Gaston Co., $35,000; 10 mi. Project 7770, Wilkes Co., $50,000. L. R. Ames, Raleigh, engr.

Fla., New Port Richey—City paving $40,000.

O., Campbell — Bd. Control soon takes bids grading, paving 5th, 6th, Madison, Temple and Gordon Sts. $105,000. A. Haeny, Campbell, engr.

O., Cincinnati—Grading, sidewalks, concrete repaving 11,500 sq.yd. Liberty St. from Sycamore St. to Highland Ave. $76,044. C. O. Sherrill, city mgr.

Mich., Monroe—Concrete curbing, guttering, one course 8 in. concrete paving 1,500 ft. Harrison St., 30 ft. $30,000. D. V. Neuman, city engr.

Mich., Monroe—Concrete paving 42,000 sq.yd. Barringer West and Milan South Rds. $130,000. J. F. Price, Court House, engr.

Ill., Cuba—Preliminary plans grading, curbing, concrete paving. $50,000. F. M. Connolly, 428 People Trust & Savings Bank Bldg., Galesburg, engr.

Ill., East St. Louis — Soon takes bids grading, curbing, rein.-con. paving 12 blocks Lake Ave., 36 ft. $53,200. W. McK-Brown, City Hall, engr.

Ill., La Grange—Preliminary plans grading, curbing, concrete paving. $40,000. E. Hancock, 1509 West Jackson St., Chicago, engr.

Ia., Sioux City—Soon takes bids paving 32,300 sq.yd. 1 alley, 1 road, 8 streets and avenues. $58,844. L. N. Hintgen, City Hall, engr.

Neb., Grand Island—Sheet asphalt or asphaltic concrete paving 10,707 yd. West Koenig St., Dist. 76. $30,000. K. Y. Craig, city engr.

Mo., St. Louis—B. P. Owen Organization, Frisco Bldg., preliminary plans grading, sewers, water connections in Castle Point Subdivision, Halls Ferry and Chambers Rds., St. Louis Co., near here. Elbring Surveying Co., 7909 Forsythe Blvd., Clayton, engrs.

Mo., St. Louis—Bd. P. Serv., City Hall, alternate types paving Alberta, Balsom, Cates, Cora, Dock, Esther, Fairview, Fillmore, Fyler, Gardenville, Gimblin, Grimshaw, Lilian, Montrose, Oakland, Primm, Royal, Mardel, Taylor, Vanderventer and Wilmington Sts. W. W. Horner, City Hall, engr.

Mo., St. Louis—Bd. P. Serv., City Hall, grading, concrete paving 26,700 sq.yd. alleys in City Blocks 1603, 1973, 2671, 2929, 2985, 3034, 3388, 3651B, 3816WA, 4054D, 4076, 4248N, 4248S, 4251, 4519B, 6229E, 5269E, 5560, 5566 and 5966. $72,050. W. W. Horner, City Hall, engr.

Ark., Arkadelphia — Bids in September, grading, curbing, concrete paving 30,000

Streets and Roads (Continued)

sq.yd. Paving Dist. 5. F. A. Gerig, Philadelphia, engr. Noted Aug. 2.

Tex., Ft. Worth—O. E. Cara, city mgr., soon takes bids paving Camp Bowie Blvd., to city limits. $100,000. D. L. Lewis, city engr.

Tex., Zapata—Zapata Co. surveys 58 mi. hy. through county, $600,000; improving 26 mi. Zapata Co. line Rd., $300,000. T. E. Huffman, Laredo, engr.

Oklahoma — State Hy. Dpt., Oklahoma City, sheet asphalt paving 34,650 sq.yd. U.S. Hy. 70, Bryan Co., $75,000—concrete paving 18,200 sq.yd. State Hy. 18, Pottawatomie Co., $32,000—grading 6.7 mi. U. S. Hy. 64, Woods Co., $40,000. C. R. Mandigo, hy. engr.

Okla., Elk City—Concrete paving. To exceed $25,000. Benham Eng. Co., 1106 Perrine Bldg., Oklahoma City, engrs.

Okla., Oklahoma City—Grading, concrete paving 8,600 sq.yd. 50th St., $27,310; grading, sheet asphalt paving 7,100 sq.yd. 22nd St., $34,875. W. W. Small, City Hall, engr.

Wash., Seattle — Paving 30th Ave. N. $50,357. W. D. Barkhuff, city engr.

Calif., San Diego — Bd. Supervs. San Diego Co., grading, bridging 5 in. monofelt concrete paving 419,272 sq.ft. and 5 in. National concrete paving 718,191 sq.ft. County Blvd., Murray Ave. and other streets. T. H. King, 920 8th St., supt. work.

Calif., San Francisco—Paving 2,100 ft. Kezar Stadium Roadway, 60 ft. $60,000. M. M. O'Shaughnessy, city engr.

Calif., San Gabriel—I. H. Stouffer, city clk., soon takes bids curbing, 2 in. warrenite on 6 in. asphaltic concrete paving 422,820 sq.ft. Las Tunas Dr. Wright Eng. Co., Pacific Electric Bldg., Los Angeles, engr.

Ont., Brampton—Town Council rein.-con. paving, widening ½ mi. George St. $50,000. Engineer not selected.

Ont., Hamilton—Asphalt paving Barton, Elgin and Kelly Sts. $109,000. Work will probably be done by day labor under supervision A. McFaul, engr., City Hall.

Ont., Hamilton — Concrete paving, widening 3 blocks Ferguson Ave. $70,000. W. L. McFaul, City Hall, engr.

Ont., Hamilton—Concrete curbing, guttering, grading, asphalt and concrete paving Mountain Driveway. $347,000. W. L. McFaul, City Hall, engr.

Ont., Hamilton—Concrete curbing, guttering, asphalt on concrete paving 15,000 sq.yd. Barton St. $70,000. W. L. McFaul, City Hall, engr.

Ont., Hanover—Concrete, macadam or asphalt paving 7,500-10,000 sq.yd. $30,000. Ontario Eng. Co., Fort Erie, engrs. Noted Aug. 2.

Ont., Ottawa—Asphalt paving Bronson Ave. from Powell Ave. to driveway. $112,000. A. F. Macallum, City Hall, engr.

Ont., St. Marys—Asphalt or concrete on concrete paving 10,000 sq.yd. Queen St. $29,000. Engineer not selected.

Ont., Windsor—City and Sandwich Twp. concrete curbing, guttering, concrete or asphalt paving 9,000 sq.yd. Ouellette Ave. $35,000. M. E. Brian, City Hall, engr.

Que., Quebec—Dpt. P. Wks. soon takes bids road over Quebec bridge. $350,000. I. Vallee, Quebec, engr.

•Bids Desired

New Hampshire—Sept. 14, by State Hy. Dpt., Concord, 6 in. rein.-con. on 3 in. gravel paving 1.588 mi. hy. in Salem, $60,000—0.76 mi. Chesterfield, $28,000—6 in. rein.-con. on 6 in. gravel paving 3.2 mi. Franklin, $125,000. J. H. Noble, Concord, hy. engr.

Mass., Boston—Sept. 22, by Dpt. P. Wks., J. H. Sullivan, comr., artificial stone sidewalks in various streets in Wards 3, 14, 19, 18 and 22. $25,000.

N. Y., Brooklyn—Sept. 11, by Park Bd., W. R. Herrick, pres., Park Dpt., Arsenal Bldg., Central Park, New York, grading Shore Rd. embankment, incl. grading slopes between 200 ft. north 86th and Oliver Sts.; improving Ocean Parkway, East Traffic Rd. from Park Circle to Foster Ave.

N. Y., Brooklyn—Sept. 12, by J. J. Byrne, pres. Brooklyn Boro, Boro Hall, grading Eldert Lane, Foster Ave. and East 5th St.; grading, sheet asphalt on concrete paving Avenue O, Drew, Mermaid and 10th Aves., Dean, East 2nd, East 4th, East 5th, East 12th, East 17th, East 31st, Richardson, 62nd and 78th Sts.

N. Y., Long Island City — Sept. 11, by B. M. Patten, pres. Queens Boro, Queens Subway Bldg., grading, granite block on concrete paving Flushing and 49th Aves.; grading, curbing, guttering Pavo Rd. and 162nd St.; grading, sheet asphalt on concrete paving Nassau Blvd., 15th Dr., 40th Rd., Halleck and Vandventer Aves. 112th, 132nd, Warren and 118th Sts.

N. J., North Bergen (Ind. br. Weehawken)—Sept. 11, by Twp. Com., Town Hall, grading, sheet asphalt or reclipped block on concrete paving Delaware Ave. and Hoyer St. $35,418. R. Glenn, Town Hall, twp. engr. Noted Aug. 16.

Pennsylvania—Sept. 14, by State Hy. Comn., Harrisburg, one course rein.-con. paving roads in Bedford, Carbon, Clinton, Columbia, Fayette, Forest, Indiana, Lebanon, Luzerne, Lycoming, Northampton, Wayne and York Counties. J. L. Stuart, secy. hy. comn.

Pa., Avalon (mail Pittsburgh)—Sept. 12, by Controller Allegheny Co., Court House, Pittsburgh, widening, vitr. brick on concrete paving 4,761 ft. California Ave., 18.25 ft. $100,000. Dpt. P. Wks., 519 Smithfield St., Pittsburgh, engrs.

Pa., Edgewood (mail Pittsburgh)—Sept. 10, by D. C. Neal, boro engr., Boro Bldg., grading, curbing, 8 in. concrete paving 3,070 sq.yd. West Swissvale Ave. $25,000.

Pa., Phila. — Sept. 11, by Dpt. P. Wks., Bureau of Highways, grading, paving streets and improving country roads. A. Murdock, dir.

Pa., Wilkinsburg—Sept. 12, by Controller Allegheny Co., Court House, Pittsburgh, rein.-con. paving 4,221 ft. Graham Blvd., 18 and 27 ft. $85,000. Dpt. P. Wks., 519 Smithfield St., Pittsburgh, engrs.

Maryland — Sept. 11, by State Roads Comn., Baltimore, concrete paving 1.95 mi. Contr. M-105, Montgomery Co.—0.8 mi. Contr. P-86, Prince George Co.—0.56 mi. Contr. S-32, Somerset Co. J. N. Mackall, chn.

Maryland — Sept. 11, by State Roads Comn., Baltimore, alternate types paving 0.45 mi. Contr. AA-61, Anne Arundel Co. J. N. Mackall, chn.

Md., Baltimore—Sept. 13, by Bd. Awards, sheet asphalt paving Contr. 482; grading 90,000 cu.yd. Contr. 483. N. L. Smith, hys. engr.

W. Va., New Martinsville—Sept. 14, by Wetzel Co. Court, grading 2 mi. Project 1-C—grading, surfacing 2¼ mi. Project 1-D—3.5 mi. Project 2—2.75 mi. Project 3. G. A. Harman, clk.

Ala., Birmingham — Sept. 24, by City Comn., grading, curbing, guttering, sidewalks, asphalt on concrete paving 13 blocks 9th St., W., 2nd Ave. N., 10th Ave. N., and Division Ave. $76,330. A. J. Hawkins, city engr.

Ala., Birmingham — Sept. 24, by Bd. Revenue Jefferson Co., grading, concrete paving 6.8 mi. Castline, Jay-Bird, and Vanderbilt-East Lake Rds., 14th Ave., Shades Creek Parkway. $137,500.

Miss., Indianola—See "Bridges."

Tenn., Ripley — Sept. 17, by Lauderdale Co. Hard Roads Comn., grading, bridging 9.48 mi. Ripley-Edith Rd., 6.27 mi. Halls-Potters Gap Rd.—5.32 mi. Halls- Nankapoo Rd.—11.46 mi. Henning-Mack Rd.—1.95 mi. Copper Springs-Pleasant Hill Rd. W. C. Patton, chn. Noted Aug. 9.

O., Canton—Stark Co. bids about Nov. 27, grading, hardsurfacing Hartville-Marlboro Rd. $50,000-$60,000. A. M. Wise, Canton, engr.

O., Parma (br. Cleveland)—Sept. 7, by Village, paving 6 streets. To exceed $50,000. J. M. Clark, Town Hall, engr. Noted Aug. 9.

Michigan—Sept. 16, by C. H. Brown, resident engr., 14380 Wyoming Ave., Detroit, concrete paving 6.102 mi. State Assessment Dist. 475, 20 ft., Wayne Co., for State Hy. Dpt., Lansing.

Michigan—Sept. 19, by R. A. Beers, resident engr., Kalamazoo, concrete paving 7.508 mi. MO14-16, C-1, 20 ft., Cass Co., for State Hy. Dpt., Lansing.

Michigan—Sept. 19, by A. R. Schaefer, resident engr., Newberry, concrete paving 0.931 mi. MO49-15, C-1, 20 ft., Mackinac Co., for State Hy. Dpt., Lansing.

Michigan—Sept. 27, by H. G. Oakes, resident engr., Cadillac, concrete paving 2.346 mi. MO24-17, C-2, 20 ft., Emmet Co., for State Hy. Dpt., Lansing.

Ill., Chicago — Sept. 10, by City, City Hall 6 to 14 ft. concrete sidewalks on one and both sides 85 streets and avenues. M. J. Faherty, pres. Bd. Local Impvts.

Ill., Chicago—Sept. 11, by City, City Hall, grading, curbing, guttering, asphalt on concrete paving East 72nd Pl., South State and West 105th Sts., Belden, South Irving, South Keating, Seminole, Ardmore, North Moody, North Meade, North McVickers and North Artesian Aves.—grading, curbing, guttering, 7 and 8 in. concrete paving South St. Louis, Manila, North Marmora, North Mansfield, North Menard, Magnet, Catalpa, North Parkside Aves. M. J. Faherty, pres. Bd. Local Impvts.

Ill., De Kalb—Oct. 4, by City, City Hall, grading, curbing, guttering, concrete paving 6.308 sq.yd. 9th and 10th Sts. J. J. Kingsley, mayor.

Ia., Marshalltown — Taking bids 5 in. rein.-con., 5 in. vibrolithic concrete, warrenite, asphalt or amesite repaving 23,380 sq.yd. Main St., $56,000; 3,800 sq.yd. North 9th St., $9,200.

Ia., Waterloo—Sept. 10, by C. C. Mackay, city clk., concrete, rein.-con., asphaltic concrete, asphalt, brick or gravel surfacing 16,000 sq.yd., also 6,000 sq.yd. resurfacing. N. B. Barber, City Hall, engr.

Minn., Alexandria—Sept. 20, by J. D. Larson, aud., Douglas Co., grading 221,943 cu.yd. Job 2702. $40,000.

Kan., Hoxie—Sept. 25, by Clerk Sheridan Co., grading, concrete paving 240 sq.yd. $25,000 or more. A. J. Mowry, Hoxie, engr.

Kan., Winfield — Sept. 24, by Clerk Cowley Co., grading, culverts 3.879 mi. road, 32 ft. To exceed $25,000. B. Boyle, Winfield, engr.

Neb., Plattsmouth — Sept. 10, by H. L. Thomas, clk., paving Dists. 52, 53, 54, 55 and 56. $31,631. Bracer Eng. Co., 710 Bankers Reserve Bldg., Omaha, engrs.

Missouri—Sept. 14, by State Hy. Comn., Jefferson City, grading, 18 ft. graveling, concrete paving roads in Audrain, Carter, Christian, Clay, Cole, Cooper, Linn, Livingston, Macon, Morgan, Perry, Oregon, Scotland and St. Louis Counties. T. H. Cutler, ch. engr.

Tex., Abilene—Sept. 14, by City, c/o K. Wilson, widening, alternate types paving Pine and North 5th Sts. $38,000. W. A. Riney, Abilene, engr.

Tex., Lubbock—Sept. 13, by Mayor and City Com., c/o W. H. Rogers, secy., grading, curbing, guttering, paving 36,000 sq.yd. $100,000. M. R. Smith, Jr., engr.

Okla., Stillwater — Sept. 11, by R. C. Lawellin, city clk., grading, concrete paving 12,100 sq.yd. Husband St. $36,400. C. A. Wood, Stillwater, engr.

Okla., Wilson—Sept. 11, by H. T. Wilson, city clk., grading, concrete paving 9,100 sq.yd. Dist. 6. $30,000. J. C. Milliken, Continental Bldg., Oklahoma City, engrs.

Arizona—Sept. 13, by State Hy. Comn., Phoenix, grading, surfacing 5.2 mi. Chandler-Casa Grande Hy., San Tan Sect. W. C. Lefebvre, state hy. engr.

California—Sept. 19, by State Hy. Comn., Sacramento, grading, asphaltic concrete paving 0.7 mi. road between County Fair Grounds and Hanford. C. H. Purcell, Sacramento, hy. engr.

Calif., San Diego—Sept. 17, by Common Council, grading, curbing, sidewalks, 6 in. concrete paving 79,114 sq.ft. Union, Upas and other streets. H. W. Jorgensen, city engr.

Bids Received

N. Y., Brooklyn — J. J. Byrne, pres. Brooklyn Boro, Boro Hall, Aug. 29, from Brooklyn Alcatraz Asphalt Co., 407 Hamilton Ave., sheet asphalt paving Crown St., $10,861; Linden Blvd. $52,807; 30 ft. strip along Jamaica Bay, Canarsie, $14,173—from B. Turecamo Contg. Co., New Cropsey Lane, Avenue M, $7,418—from M. J. Grant, 215 Montague St., granite block paving Grand Ave. $34,481. Noted Aug. 23.

N. Y., New York — Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., Aug. 31, grading, sewer work in Concourse Yard between West 206th Navy, and Jerome Aves., for Rapid Transit R.R. from J. O'Connell, 4290 Martha Ave., $288,000. Noted Aug. 23.

N. Y., New York—J. Miller, pres. Manhattan Boro, Municipal Bldg., Aug. 28, grading Payson Ave., from T. Di Roma, 33 Evelyn Pl., $27,895—granite block paving 110th St., and sheet asphalt paving 5th Ave., from Asphalt Constr. Co., 2197 Madison Ave., $24,462 and $46,222 respectively—8th Ave., from Meehan Paving Co., 90 West St., $113,634—8th Ave., from C. D. Beckwith, Seneca Ave. and Edgewater Rd., $151,630—asphalt block paving Fort Washington Ave., from Regan Towers Co., 124 West 121st St., $67,678. Noted Aug. 23.

N. Y., St. George—J. Lynch, pres. Richmond Boro, Boro Hall, Aug. 29, bituminous paving Fingerboard Rd., from Van Bro Constr. Co., 24 Elizabeth St., West New Brighton. $20,228—bituminous macadam paving Simonson Pl., from J. E. Donovan Paving Co., 2205 Richmond Terrace, Port Richmond, $696—grading Amboy Rd., from J. J. O'Rourke, 238 Gordon St., Stapleton, $13,270.

New Jersey—State Hy. Comn., Trenton, Aug. 27, grading, 10 in. rein.-con. paving 54,275 sq.yd. Connecting Rd., Sects. 4B and 5A, Camden extension, Camden Co., from A. Stryker, Inc., South Broad St., Trenton, $260,362—31.750 sq.yd. Route 35, Sect. 5, Monmouth Co., from Jannorone Constr. Co., 225 Passaic Ave., Belleville, $143,725 — bituminous macadam paving Route 1, extension, Sect. 13, Contr. 18 Stockton St. Connection, Essex Co., from Elizabeth Paving Co., 715 Elizabeth Ave., Elizabeth, $13,704. Noted Aug. 16.

N. J., Bogota — Bd. Boro Council, Boro Hall, paving Munn Ave., from Toriello & Pirdy, 16 West Fort Lee Rd., $13,647; Orchard Terrace, from R. A. Hamilton, 16 West Fort Lee Rd., $20,596. Noted Aug. 2.

Constr. News page 127

Streets and Roads (Continued)

N. J., Guttenberg — Bd. Council, Boro Hall, Aug. 22, rein.-con. paving Palisade, Hudson and Belleview Aves., Adams, Jackson, Polk and Madison Sts., from Curtin Bros., 45 Madison St., $99,308.

N. J., Hillside (br. Elizabeth—Twp. Com., Municipal Bldg., 7 in. rein.-con. paving Williams and Bailey Aves., from Nesto Constr. Co., 423 Amherst St., East Orange, $28,842 and $27,283 respectively; Silver Ave., from Standard Bithulithic Co., foot Brill St., Newark, $25,770.

N. J., Kearny (sta. Arlington) — Bd. Town Council, Town Hall, Aug. 22, paving Central Ave., from Nesto Constr. Co., 423 Amherst St., East Orange, $113,587.

N. J., West New York—Bd. Town Council, Municipal Bldg., Aug. 28, grading, bituminous concrete on concrete paving Lincoln Pl., from R. & F. Concreting Co., Inc., 412 44th St., Union City, 89% e. e. $25,000. Noted Aug. 23.

Maryland — State Roads Comn., Baltimore, penetration macadam paving 0.5 mi. Contr. M-116, Montgomery Co., from P. E. Russell, Frederick, $15,865—grading 4.74 mi. Contr. CE-67, Cecil Co., from T. B. Gatch Constr. & Building Corp., Overlea, $35,600—concrete shoulders on 0.13 mi. Contr. M-17-A, Montgomery Co., from M. J. Grove Lime Co., Lime Kiln, $1,250. Noted Aug. 23.

Md., Baltimore—Bd. Awards, Aug. 29, concrete paving 7,350 sq.yd. Contr. 480, from Arundel Contg. Co., Knickerbocker Bldg., $17,081. Noted Aug. 23.

Michigan—C. L. Cowgill, resident engr., Plymouth, Aug. 23, concrete paving 1.179 mi. MO63-3, C-9, 20 ft., Oakland Co., from G. R. Cook, 1216 Penobscott Bldg., Detroit, for State Hy. Dpt., Lansing, $92,103. Noted Aug. 16.

Michigan—R. R. Havens, resident engr., Jackson, Aug. 22, concrete paving 6.052 mi. FO12-13, C-1, 20 ft., Branch Co., from Mollering Constr. Co., Coldwater, for State Hy. Dpt., Lansing. $152,685. Noted July 26.

Michigan—R. R. Havens, resident engr., Jackson, Aug. 23, concrete paving 5.59 mi. FO13-16, C-1, 20 ft., Calhoun Co., from Grace Constr. Co., Marshall, for State Hy. Dpt., Lansing, $167,352. Noted July 26.

Michigan—H. G. Cakes, resident engr., Cadillac, Aug. 21, concrete paving 7.991 mi. MO24-10, C-1, 20 ft., Emmet Co., from Goldbert Constr. Co., Mackinac City, for State Hy. Dpt., Lansing. $255,184. Noted Aug. 9.

Michigan—A. R. Schaefer, resident engr., Newberry, Aug. 15, graveling 6.591 mi. MO17-20, C-1, 16 ft., Chippewa Co., from S. J. Groves & Sons Co., Newberry, for State Hy. Dpt., Lansing. $81,901 incl. cement. Noted Aug. 9.

Michigan—G. D. Tramp, resident engr., Crystal Falls, Aug. 22, concrete paving 8.34 mi. FO27-5, C-3, 20 ft., Gogebic Co., from Herman Holmes, Crystal Falls, for State Hy. Dpt., Lansing. $167,832. Noted Aug. 9.

Wis., Milwaukee — Milwaukee Co. Hy. Comn., W. C. Kavanaugh, comr., improving Layton Avenue A, from Kroening Constr. Co., 39th Ave. and Mitchell St., $64,901—Menomonee River Parkway, from White Constr. Co., 68 East Wisconsin Ave. $73,008—Menomonee River Bridge, from Dick & Blake Constr. Co., 4608 Lisbon Ave., $8,005.

Mont., Great Falls—W. H. Harrison, city clk., paving 15,963 sq.yd. 2nd Ave. S. from S. Birch & Sons, Great Falls, $54,236. Noted Aug. 9.

Tex., Houston—Permanent paving Lockwood St. between Navigation Blvd. and Clinton Dr., from S. Stambaugh, 1401 Dowling St., $115,766 or $91,975.

California—C. H. Purcell, engr. State Hy. Dept., Sacramento, Aug. 22, asphaltic concrete widening 1.8 mi. Auburn Blvd., Sacramento Co., from Clark & Henery Constr. Co., 564 Market St., San Francisco, $53,602. Est. $57,771. Noted Aug. 16.

Calif., San Diego—Common Council, Aug. 27, grading, curbing, 2 in. asphaltic concrete on 6 in. concrete paving 252,402 sq.ft. Garnet St. and Grand Ave., from R. E. Hazard Contg. Co., 2548 Kettner Blvd., $77,459; 1½ in. asphaltic concrete on 5 in. concrete paving 105,003 sq.ft. 42nd, 43rd and Van Dyke Sts., from B. Pearce, 4307 Logan Ave., $48,989. Noted Aug. 16.

Contracts Awarded

Maine—State Hy. Dept., Augusta, bituminous macadam paving 2.63 mi. hy. in Livermore and concrete paving 1.51 mi. Thomaston, to A. D. Bridges Sons, Inc., Hazardville, Conn., $90,464 and $51,721 respectively—graveling 2.02 mi. Fort Kent, to Sawyer & Carlisle, Ellsworth, $37,523. Grand total $179,708. Noted Aug. 23.

Me., Portland — Street Dpt., City Hall, split redressed granite block paving 12,000 sq.yd. Spring St., to M. J. Greene Constr. Co., 390 Congress St., $36,706.

Constr. News page 128

Mass, Boston—Dpt. P. Wks., sheet asphalt or bitulithic paving Camden St., Ward 9, to J. C. Coleman & Sons Co., 1620 Tremont St., Roxbury, $44,808; Parker St., Ward 10, to C. M. Callahan, Inc., 23 South Fairview St., West Roxbudy, $23,784. Noted Aug. 23.

Mass., Boston—Dpt. P. Wks., bitulithic paving Glendale Rd., to C. Capone, 15 Hemlock St., Roslindale, $25,296—Warren St., to J. C. Coleman Sons Co., 1620 Tremont St., $32,622—recut granite block paving Geneva Ave., to S. J. Tomasello, 11 Cushing Terrace, Dorchester, est. $25,000. Noted Aug. 16.

Mass., Waltham—Constructing 11 new streets, to P. Salvucci, Waltham, $30,773; sheet asphalt paving 20,000 sq.yd. to Simpson Bros. Corp., 77 Summer St., Boston.

Connecticut—J. A. MacDonald, state hy. engr., Hartford, 7 in. water-bound macadam paving 12,986 lin.ft. hy. in Clinton and Westbrook, to Silliman & Godfrey, 133 Admiral St., Bridgeport, $55,354; 9 in. bituminous macadam paving 7,051 lin.ft. Killingly, to J. Arborio, 59 Center St., New Haven, $45,265. Noted Aug. 9.

N. J., Belleville (br. Newark) — Bd. Town Comrs., Town Hall, 7 in. rein.-con. paving Adelaide, Dawson, Perry, and Hilton Sts., Tremont, Sunset, Oakwood, Myrtle, Belleville, Sanford, Garden, and Delavan Aves., to Jannarone Contg. Co., 225 Passaic Ave., Belleville, $139,318.

N. J., Bogota (br. Hackensack)—Boro Council, Boro Hall, rein.-con. paving Ridgefield and Larch Aves., to Toriello & Pirdy, 16 West Fort Lee Rd., Bogota, $28,466. Noted June 14.

N. J., Cresskill—Bd. Boro Council, Boro Hall, grading, paving Lexington Ave., to Burns & Hall, Park Ave., Dumont, $38,383.

N. J., East Orange — Bd. City Council, City Hall, sheet asphalt on old concrete paving Washington St., to Franklyn Contg. Co., 20 Washington Pl., Newark, $50,125.

N. J., Englewood Cliffs (mail Englewood)—Bd. Boro Council, School House, Bayview Ave., grading, paving Bayview Ave., 6th and 7th Sts., to Bergen Contg. Co., Inc., 360 Palisade Ave., Cliffside, $36,770.

N. J., Flemington—Hunterdon Co., paving 3.6 mi. Milford-Riegelsville Rd., to Culp Constr. Co., East McFarlan St., Dover, $79,469. Noted Apr. 12.

N. J., Hackensack — Hackensack Impvt. Comn., Municipal Bldg., 6 in. penetration macadam paving Standish Ave., to J. DiBrigida, 65 Hudson St., $49,051. Noted Aug. 23.

N. J., Hammonton—Town Council, 3.5 mi. sidewalks, curbing, to New Era Concrete Co., 622 Federal St., Camden, $23,987. Noted Aug. 2.

N. J., Jersey City—Bd. Comrs., City Hall, grading, sheet asphalt on concrete paving Stegman Pl., to Lettiere & Bellezza Co., 921 Bergen Ave., Jersey City, 99½% est. $30,000. Noted July 5.

N. J., Lyndhurst (br. Rutherford)—Paving Pennsylvania Ave., to J. J. Holden, 245 Park Ave., $16,918; Copeland Ave., to W. J. D. Lynch, Post Office Bldg., Nutley, $10,841. Noted July 26.

N. J., Newark — Bd. City Comrs., City Hall, grading, paving South 10th and Arsdale Pl., to J. B. Gilligan Casey Co., 972 Broad St., $105,791 and $28,129 respectively.

N. J., Newton—Sussex Co., Court House, grading Maxim Dr., to Richards & Gaston, Inc., 110 South Bridge St., Somerville, $26,532. Noted Aug. 9.

N. J., Palisades Park—Bd. Boro Council, Boro Hall, paving streets in Moresmere Sect., to G. M. Brewster & Son, Fort Lee Rd., Bogota, $39,178.

N. J., Plainfield—Common Council, bituminous macadam paving Florence Ave., to P. Naples & Co., 97 Hammond Ave., Passaic, $64,594. Noted July 19.

N. J., Ridgefield — Bd. City Council, Municipal Bldg., paving Westview, Elizabeth, Washington and Elm Aves., to Harper Bros., 162 Beech St., Hackensack, $42,613. Noted June 21, July 19 and Aug. 23.

N. J., Ridgewood—Bd. Freeholders Bergen Co., Court House, Hackensack, improving Lake St., to G. F. Brackett, Heights Rd., $28,074.

N. J., Somerville—Somerset Co., Somerville, rein.-con. paving East Main St., to Collins & Maxwell, Easton Trust Bldg., Easton, Pa. $77,924. Noted July 19.

N. J., Teaneck (mail West Englewood)—Twp. Com., Municipal Bldg., paving Roosevelt St. and Chestnut Pl., to Harper Bros., 162 Beech St., Hackensack, 97% est. $29,000. Noted Aug. 9.

Pa., Pittsburgh — Grading, curbing, paving Schenley Ave., to Nardulli & Sons Co., 608 Larimer St. $39,942—Mt. Royal Rd., to Scanlon Bros., Bakwell Bldg. est. $35,600—Ceres Way, to D. Carapelucci Co., 130 Maytide St. est. $35,000—Hillcrest St., to Booth & Flinn, Ltd., 1942 Forbes St., $24,000. Noted Feb. 9 and July 5.

Pa., Pittsburgh — City Controller, City-County Bldg., grading, paving Berkshire Ave., to Dunn & Ryan Contg. Co., 418 Swinburne Ave. est. $28,000 — Standard Ave., to M. O'Herron Co., South 15th and McKean Sts. $28,857—Ley St., Basil, Index and Light Ways, also Althea, Asbourne, Cassins and Cullen Sts., to Thomas Crouin Co., South 18th St., $24,350 and $29,133 respectively.

Pa., Rankin — Allegheny Co., Court House, Pittsburgh, general contract traffic circle at approach of Rankin Bridge 7, to W. S. Rae, Oliver Bldg., Pittsburgh $84,734. Est. $100,000.

Pa., Washington—T. J. Underwood, controller Washington Co., concrete paving 7,409 ft. Deems-Bentleyville Rd., 16 ft., to Ross Constr. Co., Connellsville, $47,846.

Maryland—State Roads Comn., Baltimore, concrete paving 0.45 mi. Cecil Co., to J. K. Flick, Sudlersville, $10,518—graveling 1.5 mi. St. Marys Co., to Pembroke & Gasparovic, Park Hall, $11,752—penetration macadam paving 1 mi. Montgomery Co., and macadam resurfacing 1 mi. Frederick Co., to M. J. Grove Lime Co., Lime Kiln, $19,285 and $10,979 respectively. Grand total $52,534. Noted Aug. 9.

Md., Baltimore—Bd. Awards, sheet asphalt paving 15,000 sq.yd. streets Contr. 479, to Amer. Paving Co., Montebello Ave., $72,387; grading, top-soiling Contr. 469, to Geo. Long Contg. Co., 1st Ave. and 12th St., $12,180. Noted Aug. 16.

Virginia — State Hy. Comn., Richmond, topsoiling 3.816 mi. Route 24, Project S-496-H, B-7, Prince George Co., to Perkins & Barnes, Blackstone, $28,580—1,036 ft. 5 ft. sidewalks for Rappahannock Bridge, Route 31, Project S-225-A, at Fredericksburg, Spotsylvania Co., to A. N. Campbell & Co., Inc., Lynchburg, $8,323. Noted Aug. 9.

Va., Purcellville — Mains and 2 m.g. reservoir, to Pittsburgh-Des Moines Steel Co., Tuttle and Southwest 10th Sts., Pittsburgh, Pa., $78,560.

W. Va., Charleston—Kanawha Co., grading, concrete paving 1 mi. Thorofare Rd., 14 ft., to Harrison & Dean, Huntington, $34,924—grading 3.5 mi. Sissonville Rd., 26 ft., and 3 mi. Blue Creek Junction Rd., 20 ft., to J. M. Cain & Co., Charleston, $43,769 and $41,567 respectively—4 mi. Nuckols Rd., to Cain & Green, Charleston, $51,545. Grand total $171,805.

Ga., Barnesville—Mayor and City Council, City Hall, grading, curbing, concrete paving 15,000 sq.yd. Thomaston and Forsythe Sts., to J. B. McCrary Eng. Co., City and State Bank Bldg., Atlanta, $38,663. Noted Aug. 2.

Ala., Tarrant—Paving, grading 1 mi., to Independent Paving Co., 3828 1st Ave. S., $41,178.

La., Vinton—Sidewalks, rein.-con. paving 23,650 sq.yd., to Moore Bros., Westwego, $57,810. Noted May 24.

O., Columbus—W. H. Duffy, dir. Serv., grading, widening, asphalt paving Goodale St. between Neil Ave. and Olentagy River, to B. F. Patterson, 987 West Goodale Ave., $37,529.

O., Dayton—Montgomery Co., vibrolithic concrete paving Upland Ave., to O. Aterbaugh, 310 Watervliet Ave. $9,593—Sandhurst Dr. and Valley Ave., to H. E. Barney, 1233 Hoffman Ave. $19,850 and $13,861 respectively—Stanhope Ave., and concrete paving Norman Alley, to Finke Eng. Co., Realty Bldg., $5,969 and $2,930 respectively—rein.-con. paving Buckingham Rd., to C. Crampton, R.R. 5, $10,514—Lynam St. and Brooklyn Ave., to W. S. Little, 1209 Everett Dr., $18,192 and $20,627 respectively—Rockhill and Cushing Aves., to J. Wroe, Harries Bldg., $16,816 and $17,131 respectively—sheet asphalt paving Winding Way and Big Hill Rd., to Republic Asphalt Paving Co., North Antioch St., $14,167 and $17,877 respectively. Grand total $167,528.

O., Dover — Resurfacing Factory St., to C. G. Fuller, Dover, $37,214. Noted June 7.

Michigan—At Office Village Clerk, Lainsburg, concrete paving, widening 1 mi. MO76-20, C-1, Shiawassee Co., to Hudson & Coons, East Lansing, for State Hy. Dpt., Lansing. $47,498. Noted July 19.

Michigan—R. A. Beers, resident engr., Kalamazoo, asphalt on gravel paving 7.468 mi. MO39-14, C-1, 18 ft., Kalamazoo Co., to Globe Constr. Co., Kalamazoo, for State Hy. Dpt., Lansing. $131,088. Noted Aug. 9.

Michigan—E. R. Benkert, resident engr., Port Huron, concrete paving 2.076 mi. MO77-31, C-1, 20 ft., St. Clair Co., to J. W. Baker & Sons, Port Huron, for State Hy. Dpt., Lansing, $73,827. Noted Aug. 23.

Michigan—C. W. Brown, resident engr., 14380 Wyoming Ave., Detroit, concrete paving 6.838 mi. State A.D. 481, Sect. B. 20 ft., Macomb Co., to T. E. Currie Co., 909 Transportation Bldg., Detroit, for State Hy. Dpt., Lansing, $261,979. Noted Aug. 9.

Streets and Roads (Continued)

Michigan—C. L. Cowgill, resident engr., Plymouth, concrete paving 1.179 mi. M 063-3, C-9, 20 ft., Oakland Co., to G. R. Brooks Co., Detroit, for State Hy. Dpt., Lansing. $111,511, incl. cement.

Michigan—C. L. Cowgill, resident engr., Plymouth, concrete paving 11.241 mi. MO63-23, C-1, 20 ft., Oakland Co., to James A. McKay & Son, Detroit, for State Hy. Dpt., Lansing, $373,690. Noted Aug. 9.

Michigan—R. R. Havens, resident engr., Jackson, concrete paving 0.384 mi. MO12-7, C-2, 20 ft., Branch Co., to Mollering Constr. Co., Coldwater, for State Hy. Dpt., Lansing. $14,116.

Michigan—R. R. Havens, resident engr., Jackson, concrete paving 3.823 mi. FO23-18, C-1, 20 ft., Eaton Co., to Kalamazoo Paving Co., Kalamazoo, for State Hy. Dpt., Lansing. $128,226. Noted July 19.

Michigan—R. W. Roberts, resident engr., Saginaw, graveling 3.011 mi. A.D. 469, 12 ft., Saginaw and Midland Counties, to W. A. Leach Gravel Co., Montrose, for State Hy. Dpt., Lansing. $35,528. Noted July 19.

Michigan—G. D. Tramp, resident engr., Crystal Falls, concrete paving 0.75 mi. MO31-23, C-1, 20 ft., Houghton Co., to Thornton Bros. Co., St. Paul, Minn., and Escanaba, Mich., for State Hy. Dpt., Lansing. $29,136. Noted Aug. 30.

Mich., Berkley (br. Detroit)—One course 8 in. concrete paving 17,890 sq.yd. Assessment Dist. 100, to R. D. Baker & Co., 10 Mile Rd. and Grand Trunk R.R., Royal Oak, $74,040.

Mich., Flint — Concrete curbing, one course concrete paving 11 streets, to White Constr. Co., Buhl Bldg., Detroit, $96,225.

Ill., Chicago — Bd. Comrs. Cook Co., County Bldg., widening 3.9 mi. Dixie Hy., to G. H. Summerville, Harvey, $171,789—improving Archer Avenue extension, to J. M. Pierson, Chicago Heights, $75,295—Halsted St., to A. Ward & Sons, Oak Glen, $129,455—7.1 mi. Milwaukee Ave. and 0.9 mi. 183rd St., to J. Mackler & Co., Chicago Heights, $187,676 and $41,542 respectively—Wentworth Ave., to Paving Co., Chicago, $62,025—Demster St., to Arcole Constr. Co., Evanston, $18,577—River Rd., to Jaicks Bros., 77 West Washington St., $519,647. Grand total $1,200,006.

Ill., Elmwood—Grading, curbing, concrete paving Magnolia St., to Specht & O'Neil, Bushnell, $25,676.

Ill., Highland—Grading, curbing, concrete paving, to J. Stanton & Son, Leavenworth, Kan., $396,130. Noted Aug. 23.

Ill., Highland Park—Curbing, guttering, 10 in. concrete paving 21,100 sq.yd. Green Bay Rd., to E. A. Meyer Constr. Co., Highland Park, $111,479.

Ill., Westchester (mail Bellewood)—Concrete paving 111,386 sq.yd., to Pickus Eng. & Constr. Co., 410 North Michigan Ave., Chicago, $456,594.

Wisconsin—State and Clark, Pierce, St. Croix and Polk Counties Hy. Comms., Eau Claire, grading 13,066 cu.yd. Deer Park-Amery Rd., and concrete, steel overhead structure on Merrillan-Humbird Rd., to A. Larson & Co., Eau Claire, $6,116 and $14,452, respectively; graveling Ellsworth-Elmwood Rd. and Maiden Rock-Ellsworth Rd., Pierce Co., to Nelson, Mullen & Nelson, 355 Gateway Bank Bldg., Minneapolis, Minn., $21,971 and $12,073 respectively. Grand total $54,612. Noted July 26.

Wisconsin—State and Greene and Dane Co. Hy. Comns., Capitol Annex, Madison, grading, concrete paving 5,760 sq.yd. Shullsburg-Monroe Rd., Green Co., to J. O. Legrei, Stoughton, $18,029; 4,170 sq.yd. Federal Aid Project 387-B, Dane Co., to Eau Claire Eng. Co., Eau Claire, $60,911. Noted Aug. 2.

Wis., Milwaukee—Dpt. P. Wks., R. E. Stoelting, comr., grading, paving 2 alleys, to Eastern Constr. Co., 878 Franklin Pl. $4,090—3 alleys, to Schwerm Bros., 50 Lee St. $8,821—2 alleys, to J. C. Bluhm & Son, 1299 Achilles Pl. $3,529—2 alleys, to N. Harris, Girard and St. Albian Sts. $2,924—2 alleys, to Bodemann Constr. Co., 691 48th St. $5,683. Grand total $25,047.

Wis., Milwaukee — Paving Oklahoma Ave., to Gumz & Switalski, 831 13th Ave., $43,481.

Wis., Milwaukee — Milwaukee Co. Park Comn., 90 Mason St., constructing Estabrook Park Dr., to Wisconsin Asphalt Paving Co., 123 Wisconsin Ave., $47,141.

Ia., Adel — Dallas Co. graveling 38 mi. secondary roads, to O. C. Melohn, Nevada, and to H. Moody, Perry.

Ia., Dubuque—Grading, 6 in. concrete paving, Carlotta, Perry and Dell Sts., to Ulrich Paley Co., Dubuque, South Main and Railroad Sts., and J. F. Lee Paving Co., Dubuque.

Ia., Greenfield—Adair Co., graveling 15 mi. Primary Road 25, to Falcon-Reinking Co., Inc., Cedar Rapids, $34,435.

Ia., Keokuk—To Cameron, Joyce, Smith & Elder Co., Keokuk, improving streets 30,000 sq.yd. warrenite bitulithic paving at $1.51, per sq.yd., curbing and guttering $0.90, grading $0.80. Noted July 26.

Ia., Mason City — Cerro Gordo Co., to Sampson Bros., Algona, improving secondary roads, 6,590 cu.yd. gravel at $0.28 and $0.30 per cu.yd., 60,800 units overhaul $0.06, 800 cu.yd. stripping $0.15.

Ia., Oskaloosa—For 2½ in. sheet asphalt paving 37,600 sq.yd., to J. S. McLaughlin & Sons, Insurance Exch. Bldg., Des Moines, $45,264.

Ia., Spirit Lake—Dickinson Co., graveling 19 mi. secondary roads, to Bauck Constr. Co., Emmetsburg. Noted July 26.

Ia., Storm Lake — Buena Vista Co., graveling secondary roads, to J. F. Onnen, Rolfe, to A. L. Albrecht, Storm Lake, and to Hartsell & Evans, Early.

Ia., Wapello—Louisa Co., grading 6.57 mi. Federal Aid Project 250-A, B and C, to J. B. Hannahs, Keokuk, $57,596.

Minn., Duluth—G. P. Phillips, city comr., one course concrete paving 2,400 ft. Michigan St., 53 ft., to J. W. Salo Constr. Co., 1215 East 11th St., $51,706. Est. $63,000. Noted Aug. 16.

Minn., St. Paul — Sidewalk, concrete trestle, concrete slab paving, 3rd St. between Wabasha and St. Peter Sts., to Thornton Bros. Co., 1343 Dayton Ave., $38,387.

Kan., Hutchinson—Reno Co., concrete paving 2.851 mi., Sect. B and 4.463 mi. Sect. C, U. S. Hy. 50S, Project 399, to Whitney & Teeter, Hutchinson, $58,251 and $92,515 respectively.

Kan., Iola—Allen Co., sand-gravel or chats surfacing 4.302 mi. Project 6-4-K595, to A. L. Cook, Ottawa, $20,148; bridge, to W. F. O'Brien, St. Paul, $3,319. Noted June 21.

Kan., Liberal—Seward Co., grading 1,069 mi. Project 54-3-FA 369A, to A. R. Mackey Constr. Co., Greeley, Colo., $11,396. Noted July 19.

Kan., Manhattan—See "Bridges."

Kan., Meade—Clerk Meade Co., grading, culverts, concrete paving 11.052 mi. Federal Aid Project 406-A, 30 ft., to Bliss & Bliss, Mankato, $41,416. Noted July 19.

Kan., Oskaloosa—Jefferson Co., grading, culverts sanding 3.069 mi. Road K-24 and Hickory Point Rd., Project 195, to M. W. Watson, 501 Mulvane Bldg., Topeka, $27,489.

Kan., Wellington—Sumner Co., grading 14.319 mi. Project 667-A, 30 ft., to E. W. Kolterman, 404 Securities Bldg., Omaha, Neb., $55,716. Noted Aug. 16.

Kan., Yates Center—Woodson Co., grading 8.045 mi. road, to S. W. Poor, Eureka, Kan., $51,258. Noted July 26.

Nebraska—See "Bridges."

Neb., Lincoln—Grading, curbing, guttering, asphaltic concrete paving 30,000 sq.yd. Paving Dist. 763, to Abel Constr. Co., 308 Terminal Bldg., $89,872.

Montana — State Hy. Comn., Helena, grading 297,927 cu.yd. Federal Aid Project 158-B, Unit 1, Custer Co., to G. B. Wilson & Sons and C. A. Welch, Park City, $86,409.

Mont., Conrad—For 2 in. bitulithic on 3 in. bituminous paving 10,700 sq.yd. 4th Ave. and Virginia St., to S. Birch & Sons, Great Falls, $38,948.

Mo., St. Louis—Bd. P. Serv., City Hall, to Bridges Asphalt Paving Co., 1470 Kentucky Ave., asphaltic concrete paving 1,860 sq.yd. Ellenwood Ave., $10,648—to C. A. Moreno, Syndicate Trust Bldg., 2,260 sq.yd. Rosa Ave., $7,191—to Crean & Scott Constr. Co., Chouteau Trust Bldg., 2,700 sq.yd. Neosho St., $15,745—to Trinidad Asphalt Mfg. Co., 600 South Theresa Ave., 3,330 sq.yd. Parkwood Pl., $19,374—to Eyermann Constr. Co., 1210 South Grand Blvd., rein.-con. paving, 3,795 sq.yd. Oleatha St., $18,224; vibrolithic concrete paving 2,965 sq.yd. Frey Ave., $14,391—to Skrainka Constr. Co., Security Bldg., 2,680 sq.yd. Marnice Pl. $16,220; 1,390 sq.yd. Edna St. $10,285; 2,650 sq.yd. Hornsby Ave. $15,145—to William A. Riley Constr. Co., 110 North 7th St., 3 in. vitr. brick paving 540 sq.yd. Liermann St. $3,151; 1,540 sq.yd. Pelham St. $10,448. Grand total $140,812. Noted July 26.

Mo., St. Louis—Bd. P. Serv., City Hall, paving alleys in 2 city blocks, to Eyermann Contg. Co., 1210 South Grand Blvd. $8,820—5 blocks, to Skrainka Constr. Co., Security Bldg. $16,592—3 blocks, to Alfred Lewald, Inc., 6025 West Carbanne Ave. $11,102—alley in City Block 4414-W, to W. A. Riley, 110 North 7th St. $4,661. Grand total $41,175.

Arkansas—State Hy. Dpt., Little Rock, grading Monroe and Prairie Counties, to F. D. Harvey & Co., Jonesboro, La., $27,025 and $45,375 respectively—Lee Co., to R. P. Sims, Little Rock, $20,600—Miller Co., to A. C. Kennedy, Poyen, $6,423—Nevada Co. and bridge in Howard and Pike Counties, to Richardson Avers, Hope, $15,474 and $32,008 respectively—road in Montgomery Co., to Clay & Winters, Little Rock, $41,292—Washington Co., to Cole Bros. & Dennison, Fayetteville, $35,238—White Co., to E. A. Enloe, Shreveport, La., $35,370—Garland and Hot Springs Counties, to Newell Contg. Co., Little Rock, $115,196—Garland Co., to J. Spencer & Son, Hot Springs, La., $80,213—Cleveland and Dallas Counties, to W. T. McGeorge & Co., Pine Bluff, $61,759—Columbia Co., to Ayers & Graves, Hope, $70,328—Calhoun Co., to Lybrand & Robertson, Sheridan, $17,884—Cleveland Co., to McWilliams Co., Exchange Bldg., Memphis, Tenn., $15,765—Logan Co., to Ellis & Lewis, Surety Bldg., Muskegon, Okla., $15,791—Yell Co., to J. N. George & Bros., Centerville, Ark., $31,449—Highway 34, to Forcum James Constr. Co., Dyersburg, Tenn., $21,981—paving Jefferson Co., to Philpot Constr. Co., Pine Bluff, $39,220—bridges in Woodruff and Jefferson Counties, to J. F. Mullins, Pine Bluff, $37,774 and $8,268 respectively—Lee Co., to M. K. Orr, Little Rock, $24,566—Crawford Co., to Maxwell Constr. Co., Columbus, Kan., $15,691—Cleburne Co., to Blackshire & Blackshire, Harrison, $22,329—White Co., to Vincennes Bridge Co., Vincennes, Ind., $32,274—Johnson Co., to M. H. Franks, Leslie, $26,075—Hope and Searcy Counties, to General Constr. Co., 408 Pine St., St. Louis, Mo., $16,803 and $101,639 respectively—Craighead Co., to Bunnell & Mack, Paragould, $11,088—on Hy. 63, Sect. 7, to Williamson & Williams, Batesville, $9,540—Clay Co., to Prentice & Prentice, Sheridan, $14,358—on Hy. 63, to Pioneer Constr. Co., 270 Glover Bldg., Kansas City, Mo., $50,875. Grand total $1,099,671. Noted Aug. 16.

Ark., Harrison—Paving 8 blocks South Pine St., and 2 blocks West Stephenson St., to Terk Constr. Co., Little Rock, $41,251.

Tex., Amarillo—Vibrolithic paving West 2nd St. between Harrison and Madison Sts., to C. Pleasant, 715 Rule Bldg., $31,923.

Tex., Houston—For 2 in. bituminous on shell surfacing 74,300 sq.yd. in Golfcrest Addition, to Harbor Paving Co., Houston, $100,460. Est. $100,000.

Tex., Houston—City, 2 in. rock asphalt on 6 in. concrete paving North Main St. from Enid to Airline Dr., to S. Shambaugh, 1401 Dowling St., $44,155. Est. $50,000.

Tex., San Angelo — Permanent concrete paving 25 blocks, to L. E. Whitham & Co., P. O. Box 1292, Wichita Falls, $163,662. Est. $175,000.

Oklahoma — State Hy. Dpt., Oklahoma City (**e.e. means engineers estimate**), to J. Ables, Madill, grading 11.5 mi. Coal Co., $66,491 e.e. $75,000; 6.22 mi. Pontotoc Co. $31,556, e.e. $35,000—to D. T. Allen, City Hall, Henryetta, 3.41 mi. Caddo Co., $24,046, e.e. $25,000—to R. T. Amis, Lawton, 4.91 mi. Comanche Co. $27,806, e.e. $30,000—to Blackburn & Rindy, Healdton, 4.41 Carter Co. $26,747, e.e. $30,000; 10 mi. Cherokee Co., $143,858 e.e. $150,000—to Gaines & Yokeum, 519½ West Main St., Oklahoma City 2 mi. Atoka Co., $18,085 e.e. $25,000—to Granville-Hamlin Co., Manhattan Bldg., Muskogee, 4.19 mi. Okfuskee Co., $25,719 e.e. $30,000—to Maney & Alley, Empire Bldg., Oklahoma City, 15.18 mi. Lincoln Co., $81,600 e.e. $100,000—to Mervelt & Lawson, El Reno, 6.8 mi. Canadian Co. $21,018 e.e. $25,000—to J. E. Smith & Sons, Noble, 5 mi. Project 329-A, Grady Co., $26,190 e.e. $30,000; 4.6 mi. same road, Sect. B, $28,708 e.e. $30,000—to D. Sweeney, Empire Bldg., Oklahoma City, 3.8 mi. Caddo Co., $32,245 e.e. $35,000—to Altman-Rogers Co., McAlester, 5.15 mi. Cherokee Co., $61,251 e.e. $75,000; concrete slab surfacing 5 mi. Project 245-D, Stephens Co., $122,504 e.e. $130,000; 5 mi. same road Sect. D, $118,030 e.e. $130,000—to T. Gudgel, Stillwater, 3.7 mi. Kingfisher Co., $80,356 e.e. $90,000—to R. Tanner Paving Co., Nebraska Bldg., Tulsa, 1.45 mi. Payne Co., $33,208 e.e. $35,000—to Ward, Beekman & Brooks, 1801 East 9th St., 4 mi. Grant Co., $86,126 e.e. $100,000; asphalt surfacing 4 mi. Project 605-A, Bryan Co., $58,160 e.e. $60,000; 4.2 mi. same road Sect. B, $66,103 e.e. $68,000—to Ellis & Lewis, Muskogee, 5 mi. Nowata Co., $152,058 e.e. $160,000—to Standard Paving Co., 2110 East 11th St., Tulsa, 3 mi. Project 212-C, Beckham Co., $86,144 e.e. $90,000; 3.71 mi. same road Sect. E, $112,100 e.e. $120,000. Grand total $1,530,112. Noted July 26.

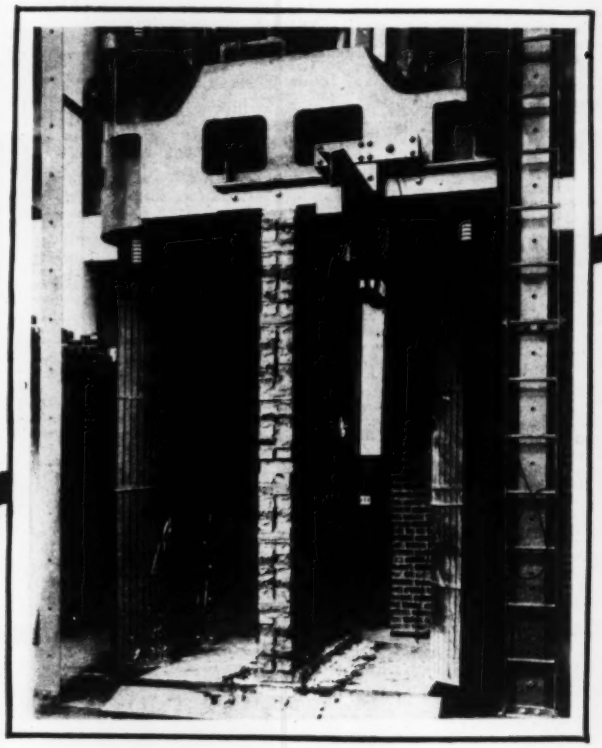
Okla., Lawton—For 6 in. concrete paving 67,748 sq.yd., to Hyde Constr. Co., Lawton.

Okla., Muskogee—Rein.-con. paving 1,600 sq.yd. and 6 and 9 in. Bates concrete paving 15,278 sq.yd., to Ellis & Lewis, Muskogee, $49,600.

Okla., Tahlequah—Grading, concrete paving 9,200 sq.yd. Okmulgee Ave., to E. H. Locher, Amer. Bank Bldg., $27,760. Est. $28,000.

Okla., Woodward—Improving 9th St., Dist. 7, to Fisher Constr. Co., Woodward, $34,232.

Constr. News page 129



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SAN FRANCISCO, CALIF.
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SEATTLE
913 Arctic Bldg.

Streets and Roads (Continued)

Nevada—State Hy. Comn., Carson City, furnishing, applying 639,874 gal. asphaltic fuel oil on 6 mi. Jean-Apex Summit Hy., 18 ft., to J. Carson, Hayward, Calif., $36,025.

N. M., Clovis—For 1.5 in. warrenite bitulithic paving 40 blocks 8 streets, to New Mexico Constr. Co., Alberquerque, $190,000. Noted Aug. 16.

Arizona—State Hy. Comn., Phoenix, grading, surfacing 6,540 cu.yd. Ashfork-Flagstaff Hy., Federal Aid Project 89-B, to Whiting Bros. Co., St. Johns. $38,278.

Wash., Bellingham—Whatcom Co., grading Permanent Rd. 15 between Fidalgo Bay and Lake Campbell, to Chasteen & Dorsey, Bellingham, $25,167.

Wash., Seattle—Paving 32nd Ave. N., to J. B. Covello, 1510 16th St. S., $25,280; grading 20,000 cu.yd. Ida St., to Northwest Constr. Co., Seattle, $25,846.

California—Raymond Concrete Pile Co., Hunter-Dulin Bldg., San Francisco, 5 mi. 8 in. concrete paving approaches to San Francisco Bay Bridge in Alameda and San Mateo Counties, to J. F. Knapp, Stockton and San Luis Obispo. Noted Aug. 9.

California — C. H. Purcell, hy. engr., Sacramento, crushed stone or graveling 9.3 mi. Inyo Co., to Southwest Paving Co., Washington Bldg., Los Angeles, $85,754, est. $93,282—7.7 mi. Butte Co., to L. C. and W. E. Karstedt, San Jose, $18,336, est. $29,036—concrete paving 4 mi. Sacramento Co., to Frederickson & Watson, 354 Hobart St., Oakland, $135,106—hauling, stock piling crushed rock surfacing material along state highways in Butte, Glenn, Coluse, Yolo, Sutter, Yuba and Sacramento Counties, to A. G. Raisch, 46 Kearney St., San Francisco, $64,008 est. $72,000. Grand total $303,204. Noted Aug. 2 and 23.

Calif., Auburn—Supervs. Placer Co., 3 in. asphaltic macadam on 4 in. rock bound macadam paving streets in Lake Tahoe Dist., to F. L. Carson, Sutter and Taylor Sts., San Francisco, $84,590.

Calif., Berkeley—E. M. Hann, city clk., asphaltic concrete paving Ashby Ave., to Heafey-Moore Co., 344 High St., Oakland, $73,045—grading, paving, sewers in Ada St., to Warren Constr. Co., 28th and Poplar Sts., Oakland, $26,970—grading, roadways, sidewalks University Grounds, to Oakland Paving Co., 5000 Bway., Oakland, $79,850. Grand total $179,865. Noted Aug. 2.

Calif., Hillsborough (mail Redwood City) —J. A. Hoey, city clk., concrete guttering, grading, repairing waterbound rock macadam paving Ridgeway and Vista Rds., to Union Paving Co., Call Bldg., San Francisco, $49,235.

Calif., Los Angeles—Curbing, guttering, grading, concrete paving Riverside Dr., to Curtis Paving Co., 2440 East 26th St., $57,837; Fletcher Dr., to Griffith Co., Railway Bldg., $178,205; 6 and 8 in. concrete paving 936,851 sq.ft. 9th St., to J. L. McClain, 3452 West Slauson Ave., $232,786. Grand total $468,828.

Calif., Los Angeles—Los Angeles Co., curbing, guttering, grading, concrete paving Anaheim-Telegraph Rd., to J. E. Haddock, 357 North Chester St., Pasadena, $58,455. Noted Aug. 2.

Calif., Oakland—Alameda Co., warrenite on waterbound macadam paving Webster St., to Heafey-Moore Co., 344 High St., $69,345.

Calif., San Bernardino—Rein.-con. paving Road Dist. Impvt. 45, Carnelian Ave., to Griffith Co., Railway Bldg., Los Angeles. $82,500.

Calif., San Rafael—City Clerk, concrete curbing, guttering, grading, 4 in. asphaltic concrete on rock paving Rose Valley Dr., Terrace Ave., to Pacific States Constr. Co., Call Bldg., Los Angeles, $36,215. Noted Aug. 9.

Calif., South San Francisco — Concrete curbing, guttering, asphaltic concrete paving Grand, Chestnut and Commercial Sts., to Hanrahan Co., Standard Oil Bldg., San Francisco, $43,931. Noted June 28.

Que., Montreal — Citv. sidewalks, to Robertson & Janin. $360,000.

Ontario—Dpt. P. Hys., Parliament Bldgs., Toronto, mixed macadam paving approaches to Yonge Blvd. Bridge, Toronto, Contr. 28-96, to Warren Bituminous Paving Co., 54 University Ave., Toronto—grading, concrete bridge south of Milton, Contr. 28-97, to Orr & Clark, 111 Alexander Blvd., Toronto—mixed macadam paving 2 mi. northerly from Mount Forrest, Contr. 28-98, to Brennan Paving Co. Ltd., 400 Gage Ave. N., Hamilton—5.36 mi. Paris Northerly, Contr. 28-99, to C. C. Cornell, 74 Dundas St., Brantford. Est. $150,000.

Ont., Ford—Concrete paving ¾ mi. Hickory St., to Merlo, Merlo & Ray, Sandwich St., $36,133. Est. $36,000.

Ont., Ottawa—Concrete curbing, guttering, sheet asphalt paving 14,000 sq.yd. Laurier Ave., to O'Learys Ltd., Banque Natl. Bldg., $60,028. Est. $60,000.

Ont., Riverside—Concrete paving 11,000 sq.yd. Isabella and Prado Pls., St. Rose and St. Louis Aves., to Merlo, Merlo & Ray, Sandwich St., Ford, $27,293. Est. $30,000. Noted Aug. 9.

Ont., Toronto—North York Twp., concrete paving 2 mi. streets, to Grant Constr. Co., 47 Wellington St. E. Est. $25,000.

Ont., Toronto—Toronto and York Roads Comn., asphalt on concrete paving 1¼ mi. Queen St. W., to Ontario Amiesite Ltd., foot Spadina Ave., $37,500; waterbound macadam paving 1 mi. Ballantrae S., to Dagg Constr. Co., Kleinburg, $15,000. Est. $60,000.

Ont., Toronto—York Co., surface treating 50 mi. roads, to Bituminous Spraying & Contg. Co., Confederation Life Bldg. East. $50,000.

Ont., Toronto—York Twp., concrete curbing, guttering, asphalt on concrete paving 4 avenues, to Constructing & Paving Co. Ltd., Confederation Life Bldg., $28,008. Est. $28,000.

Ont., Toronto—York Twp., concrete curbing, guttering, sheet asphalt on concrete paving 15,000 sq.yd. St. Clair Ave. and Jane St., to Godson Contg. Co., 203 Richmond St. W., $72,029. Est. $70,000. Noted Aug. 30.

B. C., Vancouver—For 11 mi. sidewalks, curbing, to King & Moncrief Constr. Co., 207 Hastings St. W., $64,865; 22 mi. to E. A. Anderson, 306 20th Ave. E., $116,804.

Public Bond Elections

Coming Bond Elections

Waterworks—Granger, Tex., $60,000.
Sewage System—Flora, Miss., Sept. 18, $36,000.
Sewers—Lebanon, Ky., Nov. 6, $60,000.
Sewage System—Hallettsville, Tex., Sept. 17, $35,000.
Sewage Disposal Plant—Escondido, Calif., $70,000.
Roads—McNairy County, Tenn., Sept. 18, $125,000.
Roads—Madison County, Ill., Nov. 6, $1,850,000.
Paving — Hallettsville, Tex., Sept. 17, $50,000.
Schools — Portsmouth, O., November, $50,000.
Park and Playgrounds—Pascagoula, Miss., $60,000.
Bay Front Improvement — Corpus Christi, Oct. 16, $1,250,000.
Swimming Pool, etc.—Algona, Ia., Oct. 15, $25,000.
Natural Gas Lines—Omaha, Neb., Sept. 25, $1,500,000.

Bonds Voted

Waterworks, etc.—Ojus, Fla., $43,000.
Waterworks Ext.—Altus, Okla., $25,000.
Waterworks—Petrolia, Tex., $33,000.
Waterworks, Sewers, etc.—California, Mo., $36,000. Russell & Axon, St. Louis, Engrs.
Sewage System — Altus, Okla., $120,000. Peckham & Riggins, Oklahoma City, Engrs.
Irrigation — Hidalgo County, Tex., $3,000,000.
Roads—Major County, Okla., $600,000.
Roads—Muskogee County, Okla., $1,500,000.
Roads—Major County, Okla., $600,000. G. D. Kester, Fairview, Engr.
Roads—Yoakum, Tex., $200,000.

Buildings—Industrial

Proposed Work

Mass., Belmont—SERVICE and REPAIR GARAGE—Town sketches by H. T. Underwood, 46 Cornhill, Boston, 1 story, brick, steel, rein.-con., Waverly St. $40,000.

Mass., Salem—FACTORY—Park Leather Co., 55 Grove St., soon lets contract 2 story, 35 x 72 ft., brick, timber, Grove St. $40,000. W. H. Hunt & Son, 208 Essex St., archts.

Conn., Bridgeport—PLANT—Bridgeport Hardware Mfg. Co., 461 Iranistan Ave., basement for 2 story, 45 x 102 ft., brick factory unit. Total $40,000. Private plans.

N. Y., Albany—PLANT—Tibbits Milk Co., Inc., 38 Dallius St., 25 x 65 ft., brick addition.

N. Y., Brooklyn—MIXING BINS—Brooklyn Union Gas Co., 176 Remsen St., plans by Koppers Constr. Co., Union Trust Bldg., Pittsburgh, Pa., 3 story, 32 x 94 ft., brick, Garden and Maspeth Aves. $130,000.

N. Y., Brooklyn—FACTORY and LOFT—Newbrook Building Corp., R. Cantor, pres., 195 Jefferson Ave., plans by M. Klein, 65 Court St., 4 story, brick, West 9th and Roebling Sts. $100,000.

N. Y., Long Island City—SERVICE GARAGE—F. Benes, 163-18 Jamaica Ave., Jamaica, plans by D. J. Lewison, c/o owner, 2 story, 75 x 98 ft., brick, concrete, 28th Ave. and 31st St. $50,000.

N. Y., New York—FACTORY, STORAGE and STORE—Trinity Corp., G. C. Crane, 72 Wall St., will not construct brick, steel, 73 Varick St. and 341 Canal St. Project in abeyance. $6,000,000. F. Parker, 119 West 57th St., archt. Noted Aug. 2.

N. Y., New York—SERVICE GARAGE—Bogild Realty Corp., S. Bogdonoff, pres., 391 East 149th St., plans by W. Shary, 41 Union Sq., 2 story, 78 x 125 ft., brick, concrete, Sheridan and 156th Sts. $90,000.

N. Y., New York—SERVICE GARAGE—C. Buckley, 2241 Creston Ave., plans by J. J. Dumigan, 2382 Grand Concourse, 2 story, 100 x 100 ft., brick, concrete, Haviland and Havemeyer Sts. $60,000.

N. Y., New York—SERVICE GARAGE—G. F. Baker, Jr., 75 East 93rd St., plans by Delano & Aldrich, 126 East 38th St., 2 story, 25 x 100 ft., brick, concrete, 69 East 93rd St. $75,000.

N. Y., New York—SERVICE GARAGE—Varsity Realty Corp., H. Diamond, pres., 110 East 42nd St., 2 story, 77 x 130 ft., brick, concrete, 158th St. and River Ave. $40,000.

N. Y., New York—SUB-STATION—New York Edison, N. E. Brady, pres., 130 East 15th St., plans by W. Whitehall, 709 6th Ave., 3 story, 43 x 74 ft., brick, concrete, 68 Dey St. $225,000.

N. J., Asbury Park—MILK DISTRIBUTING PLANT—Alderney Dairy Co., 26 Bridge St., Newark, sketches by W. E. Lehman, 972 Broad St., Newark, 1 story, basement, 65 x 80 ft., brick, steel, plain found., Drummond Ave. $40,000.

N. J., Jersey City—FACTORY—Crescent Aircraft Corp., O. J. Webster, pres., 200 Bway., New York, brick, steel airplane factory, plain found., Droyers Point. $250,000.

N. J., Kearny (sta. Arlington)—POWER HOUSE—Delaware, Lackawanna & Western R.R. Co., 90 West St., New York, N. Y., G. J. Ray, Hoboken, ch. engr., sketches power house along Hackensack River. $4,250,000. Private plans.

N. J., Paterson—DYEING and FINISHING PLANT—Columbia Piece Dye Wks., 182 Sheridan Ave., plans by J. Van Vlandren, 140 Market St., 2 story, basement, rein.-con., brick, steel, plain found., 174 Sheridan Ave. $40,000.

Pa., Chester—PRINTING PLANT—F. C. Watson, archt., Crozer Bldg., soon lets contract 2 story, basement, 100 x 114 ft., brick, steel, plain found., 8th and Sproule Sts., for Jno. Spencer, Inc., 517 Edgemont St. Noted June 21.

Pa., West Chester—PRINTING—H. T. Temple, 24 East Market St., soon lets contract 1 story, basement, 64 x 190 ft., brick, steel, plain found., 24 East Market St. Austin Co., Jefferson Bldg., Phila., archts.

Md., Highlandtown (Ind. sta. Baltimore) —FACTORY—Crown Cork & Seal Co. plans by L. R. White, Hearst Tower Bldg., Baltimore, 1 and 2 story, 150 x 600 ft., rein.-con., brick, steel factory.

Va., Waynesboro—PLANT—E. I. Du Pont de Nemours & Co., Wilmington, Del., rayon manufacturing plant, 8 units. Total est. $46,000,000.

N. C., Henderson—STORAGE—Carolina Bagging Co., 100 x 300 ft. brick, concrete storage house addition. $60,000.

N. C., High Point—FACTORY—Carolina Container Co., I. Pringle, pres., factory. $200,000.

N. C., Polkton—FACTORY—R. G. Austin, Polkton and H. B. Allen, et. al., Wadesboro, shirt factory for Polkton Shirt Co. $100,000.

La., New Orleans—BOILER ROOM—Charity Hospital, Tulane Ave., plans by Favrot & Livaudais, Hibernia Bldg., rein.-con. boiler room. $110,000.

Tenn., Cookesville—HYDRO-ELECTRIC PLANT—Putnam Co. Voted $100,000, hydro-electric plant. Noted May 10.

Tenn., Nashville—MILL—Farris Lumber Co., rebuilding mill, recently destroyed by fire. $175,000-$200,000.

Ky., Ashland—ROUND HOUSE—Chesapeake & Ohio R.R. Co., Richmond, Va., C. W. Jones, ch. engr., rein.-con., brick roundhouse, installing equipment. $500,000.

O., Cleveland — BOILER HOUSE and COAL STORAGE—Peerless Motor Car Corp., E. VerLinden, pres.-genl. mgr., 4614 Prospect Ave., plans by W. Watson & Associates, archts. and engrs., 4614 Prospect Ave., brick, steel, East 93rd St. $40,000.

O., Cleveland—FACTORY and SHIPPING ROOM—Cleveland Wire Spring Co., C. A. Erickson, mgr., East 49th St., plans by

Constr. News page 129a

Buildings—Industrial (Continued)

G. S. Rider Co., Century Bldg., archts. and engrs., 120 x 122 ft. brick, steel, East 49th St. $75,000.

O., Youngstown—NEWSPAPER PLANT—Youngstown Telegram sketches by Howell & Thomas, 3868 Carnegie Ave., Cleveland, 3 story, basement, brick, rein.-con. $400,000.

O., West Jefferson—REPAIR GARAGE—R. Gorham Auto Co., 1 story, 50 x 100 ft., brick, concrete, Main St. $40,000. Private plans.

Ind., Ft. Wayne—FACTORY—Ft. Wayne Engraving Co., 106 West Superior St., plans by Bradley & Babcock, 221 West Wayne St., 2 story, basement, 48 x 138 ft., rein.-con., brick. $47,000.

Ind., Indianapolis — FACTORY — W. Lynn-Chemical Co., North Davidson St., plans by L. H. Sturges, 527 Bd. of Trade Bldg., 3 story, basement, 35 x 100 ft., brick, steel. $65,000.

Mich., Detroit — WAREHOUSE — Crane Co., 836 South Michigan Bldg., Chicago, Ill., and 150 Randolph St., Detroit, plans by Van Leyen, Schilling & Keough, 3440 Cass Ave., 1 story, rein.-con., brick, steel, plain found., Livernois Ave. $100,000.

Mich., Flint — MACHINE SHOP — Chevrolet Motors Co., General Motors Bldg., Detroit, plans by Wright & Nice, 4339 South Saginaw St., 1 story, 205 x 315 ft., concrete, brick, steel, plain found., West Kearsley St.

Ill., Cicero — NON-FERROUS METAL MILL—Western Electric Co., 11 South La Salle St., Chicago, and 195 Bway., New York, sketches non-ferrous metal mill. $3,000,000. Private plans.

Mo., Kansas City — WAREHOUSE — Skelly Oil Co., 2605 Walnut St., plans by S. C. Kenney, 715 Lloyd Bldg., warehouse. $40,000.

Tex., Mission — CONCRETE PIPE PLANT—W. F. Liston & Son, Harlingen, concrete pipe plant, near here. $50,000. Private plans.

Calif., Emeryville—FACTORY—Amateur Screw Products Co., 1265 67th St., factory addition, 67th St. $40,000.

Calif., Oakland — FACTORY — Seiberling Rubber Co., 60 Federal St., San Francisco, sketches factory. To exceed $40,000.

Calif., Sebastopol — GRAVEL PLANT — Daniel Contg. Co., 503 Market St., San Francisco, gravel plant, on Russian River. $50,000.

Que., Hull—CEMENT PLANT—Canada Cement Co., E. French, supt., altering and constructing addition. $500,000.

Que., Montreal — FACTORY — Pigeon & Drapeau, 2050 Gouin St., sash and door factory, Montreal North. $125,000.

Que., Shawinigan—FACTORY—Shawinigan Chemical Co. Ltd., factory addition. $500,000.

Ont., Dundas — FACTORY — Budweiser Brewing Co. of Canada, A. C. Caldwell, mgr., remodeling factory, incl. refrigeration for brewery. $100,000.

Ont., Guelph — FACTORY — Northern Rubber Co. Ltd., Metcalfe St., 2 story, basement, 60 x 120 ft., rein.-con., brick, steel addition, plain found., $80,000. James, Proctor & Redfern, 36 Toronto St., Toronto, engrs.

Ont., London—PLANT—Steel Co. of Canada, R. H. McMaster, pres., Harvey Lane, expending $6,000,000-$7,000,000, 1 story, rein.-con., brick, steel addition, plain founds., incl. docks, wharves, blooming mill, soaking pits. Private plans.

Ont., New Toronto—PLANT—Goodyear Tire & Rubber Co. of Canada, 4 story, basement, 100 x 300 ft. addition.

Bids Desired

Mass., Boston—PLANT—H. P. Hood & Sons, 494 Rutherford Ave., Charlestown, taking bids 1 story, 75 x 140 ft., brick, stone, plain found., Etna and North Beacon Sts., Brighton. $40,000. Private plans.

N. Y., New York—WAREHOUSE—See "Contracts Awarded."

N. J., Perth Amboy—FACTORY—G. M. Ricci, archt., 224 Smith St., taking bids general contract altering and construcing 2 story, basement, 60 x 75 ft., brick, steel addition, plain found., East Ave., for D. Goldsmith, c/o architect. A. A. Schomberg, 244 Smith St., associated archt. Noted Aug. 16.

Pa., Pottstown — MILL — Sept. 7, by Washington Hosiery Mill Co., King and Rice Sts., 1 story, basement, 103 x 200 ft., rein.-con., brick, steel, plain found., Ritcher & Eller, 147 East 5th St., Reading, archts.

Miss., Oxford—POWER PLANT—Sept. 10, by City, T. H. McElroy, mayor, 1 story, 42 x 73 ft., rein.-con., brick power plant, also 2 ton hand operated traveling crane. F. P. Gates Co., 507 Edwards Hotel Bldg., archts. and engrs.

O., Canton — ADMINISTRATION and LABORATORY—Sept. 15, by Timken Roller Bearing Co., Dueber Ave. S. W., 3 story, basement, 40 x 100 ft., brick, steel, stone. $50,000. R. T. Campbell & R. A. Zenk, 144 West Wood St., Youngstown, archts.

Ind., Indianapolis—SERVICE—Chevrolet Co., 3909 East Washington St., taking bids (invitation only), 1 story, basement, 154 x 170 ft., brick, steel, East Washington St. and Brookville Rd. $85,000. Doeppers & Lennox, 226 East Michigan St., archts.

Ill., Chicago—ICE CREAM FACTORY—E. K. Eugene, archt., 436 East 79th St., taking bids 2 story, basement, brick, on 150 x 200 ft. site, 74th and State Sts., for Collins Ice Cream Co., c/o architect. $300,000.

Bids Received

N. Y., Ithaca — PLANT INDUSTRY — Commissioner Dpt. Educ., Educational Bldg., Albany, Aug. 9, general contract plant industry building, New York State College Agriculture, Cornell University, from F. W. Marks Constr. Co., 333 Commercial Trust Bldg., Phila., Pa., $777,400; heating, from W. W. Wetmore, Corp., 259 Delaware Ave., Buffalo, $63,880; sanitary work, from T. E. O'Brien, Inc., 6311 5th Ave., Brooklyn, $47,459; electrical work, from Vanderbilt-Wirley, Inc., 52 Charlotte St., Rochester, $35,516; foundation, from Tuller Constr. Co., 95 Monmouth St., Red Bank, $31,890. Noted July 19.

Contracts Awarded

Mass., Cambridge (br. Boston)—FACTORY—Cambride Salvage Supply Co., 91 Bway., 1 story, 125 x 150 ft., brick, timber, plain found., Charles, Bent and 5th Sts., to M. Slotnick, 333 Washington St., Boston. Est. $60,000.

Mass., Chelsea (br. Boston)—FACTORY—Beaudette Mfg. Co., Crescent Ave., 2 story, basement, brick addition, plain found., to Bond Bros., 79 Ferry St.

Conn., Fairfield — FACTORY, OFFICE and SERVICE — U. S. Aluminum Co., Post Rd., 1 story, 220 x 470 ft. factory, 2 story, 30 x 120 ft. office building, 1 story, 65 x 140 ft. service building, all brick, timber, Post Rd., to C. A. Fritz, Pittsburgh, Pa. Est. $275,000.

N. Y., Albany—PACKING PLANT—Albany Packing Co., Exchange St., general contract addition, to John B. Pike Son, Inc., 1 Circle St., Rochester. Est. $300,000.

N. Y., Buffalo — FACTORY — Kittenger Furniture Co., 1893 Elmwood Ave., 3 story, 60 x 75 ft., brick, 1925 S. Elmwood Ave., to Hydro Constr. Co., Mutual Bldg., $500,000.

N. Y., New York—WAREHOUSE—Lehigh Valley R.R. Co., G. T. Hand, chn. engr., 143 Liberty St., 12 story, 183 x 206 ft., brick, rein.-con., Gerard and 144th Sts., separate contracts. $750,000. Barney Ahlers, Constr. Co., 110 West 40th St., archts.

N. J., Paterson — FOUNDRY — Wright Aeronautical Corp., 139 Railway Ave., general contract 2 story, basement, brick, steel, Lewis St., to J. W. Ferguson Co., 152 Market St. Est. $290,000

N. J., Union—ICE PLANT—Central Atlantic Ice Co., Park Ave., Summit, 1 story, basement, brick, steel, plain found., Morris Ave. $80,000. Owner builds. Private plans. Noted Aug. 30.

Pa., Spring Mills (mail William Penn)—MILL—W. Steele Sons Co., (archts. and contractors) 15th and Cherry Sts., Phila., 1 story, basement, 102 x 153 ft., rein.-con., brick, steel, plain found., for Howard Hosiery Co. Est. $75,000. Noted Aug. 2.

La., Shreveport — GARAGE — Adolphus, Inc., c/o C. W. King, archt., Giddens Lane Bldg., 4 story, rein.-con., brick, steel, 520 Edwards St., to Werner Co., Inc., Commercial Bank Bldg., $72,900.

Tenn., Nashville—WAREHOUSE—J. L. Ramsey, c/o Ramsey Electrical Co., 430 Deaderick St., rein.-con., steel, 313 8th Ave. S., to Foster & Creighton, 4th and 1st Bldg. Est. $40,000.

Ky., Louisville—HEATING PLANT and LAUNDRY — J. N. Norton Memorial Infirmary, 1147 South 3rd St., rein.-con., brick, steel, on top of hospital wing, 3rd St. S., to L. W. Hancock Co., Louisville Trust Bldg., $41,000.

O., Cincinnati—FACTORY—Armleder Motor Truck Co., John St., 3 story, basement, brick, rein.-con., plain found., John St., to Frank Hill Smith Co., Winter Natl. Bank Bldg., Dayton, $100,000.

O., Cincinnati—FACTORY—Ohio Pattern Wks., Colerain Ave., 4 story, basement, brick, rein.-con., plain found., Colerain St., to D. Meinken & Son, 2143 Banard St., $125,000.

O., Cleveland—ENGINE and BOILER HOUSE—Hildebrandt Provision Co., 3615 Walton Ave., 1 story, 78 x 82 ft., brick, steel, 3615 Walton Ave., to Boldt-Rapp Co., 5511 Euclid Ave. Est. $40,000.

O., Cleveland—MACHINE SHOP—Hahn Mfg. Co., 5332 Hamilton Ave., 1 story, 38 x 73 ft., brick, steel, Hamilton Ave., to J. L. Hunting Co., Guarantee Title Bldg. Est. $40,000.

O., Columbus—POWER HOUSE—Dept. Welfare, 9th and Oak Sts., J. E. Harper, dir., 98 x 105 ft., brick, concrete, 35 ft. high to B. E. Gardner, Portsmouth, $52,691. Noted June 21.

O., Dayton—METAL SPINNING FACTORY—Variety Mfg. Co., 2901 West 3rd St., 1 story, basement, brick, rein.-con., plain found., Minerva St., to Hillsmith & Co., Winters Bank Bldg., $55,000.

Ind., Indianapolis—PACKING PLANT—Hilgemeier Bros., 519 West Raymond St., general contract 3 story, basement, 80 x 115 ft., rein.-con., brick, steel, to W. P. Jungclaus, 825 Massachusetts Ave. Est. $50,000.

Ind., South Bend—FACTORY—Bike Web Co., E. Morrison, pres., 4115 Ravenswood Ave., Chicago, Ill. 1 story, 190 x 220 ft. factory, to H. G. Christman & Co., 306 South Notre Dame St., $100,000.

Mich., Holland—BAKERY—Robinson & Co., archts., 715 Michigan Trust Bldg., Grand Rapids, 2 story, basement, rein.-con., brick, steel, plain found., Ottawa St., to A. Postma, 47 West 17th St., for Dutch Tea Rusk Co., 1363 Grandville Ave., Grand Rapids. Noted July 26.

Ill., Chicago—BOTTLING MACHINERY FACTORY—W. H. Hutchinson & Son, 2101 Walnut St., 1 and 2 story, 184 ft. front, Division and Augusta Sts., to Austin Co., 510 North Dearborn St. Est. $250,000.

Ill., Chicago — FACTORY — A. Epstein, archt., 2001 West Pershing Rd., general contract 2 story, 300 x 305 ft., to Heidel & Beck, 6235 South Michigan Ave., for Indestro Mfg. Co., 2650 Coyne St. Est. $800,000. Noted Aug. 2.

Wis., Milwaukee—STORAGE and MANUFACTURING —Geuder, Paeschke & Frey Co., St. Paul Ave. and 15th St., 1 story, 190 x 405 ft., brick, steel, plain found., St. Paul Ave., to Austin Co., Dearborn St., Chicago, Ill.

Ia., Dubuque — GARAGE—International Harvester Co., 606 South Michigan Ave., Chicago, 1 story, 93 x 171 ft., rein.-con., brick, steel, stone, plain found., to Kucharo Constr. Co., 622 Hubbell Bldg., Des Moines, $46,400.

Mo., Kansas City—SUB-STATION—Kansas City Power & Light Co., 14th St. and Grand Ave., plans by H. G. Freshman, c/o owner, 1 story, rein.-con., brick sub-station. $65,000.

Mo., St. Louis—POWER PLANT—Anheuser-Busch, Inc., 721 Pestalozzi St., awarded contract design and construction for industrial power plant, to Ophuls & Hill, Inc., 112 West 42nd St., New York; engrs. taking bids on sub-contracts and equipment. $1,000,000.

Ark., Rogers—MILK CONDENSERY—Barnes Dairy Products Co., G. S. Barnes, pres., Blytheville, 2 story, milk condensery local labor builds under supervision W. C. Easley, constr. engr. $200,000.

Calif., Los Angeles—SHOPS, MARKET—Chapman Bros., c/o Morgan, Walls & Clements, Van Nuys Bldg., 1 and part 2 story, 166 x 210 ft., rein.-con., 6th St., to Baruch Corp., Lincoln Bldg., $127,950.

Calif., San Rafael—CREAMERY—Marin Co. Milk Co., 825 4th St., 2 story, 60 x 130 ft., rein.-con., 3rd St., to F. H. Allen, Inc., 232 Main St., San Anselmo, $40,000.

Calif., Vernon—OIL REFINERY—Swift & Co., part 2 and 4 story, 115 x 215 ft., concrete, steel, to Richards-Neustadt Constr. Co., Natl. City Bank Bldg., Los Angeles, $135,000. Noted Aug. 16.

Que., Coaticook — FACTORY — Gilmour Chair Co. Ltd., factory, to Steward Constr. Co. Ltd., 12 Wellington St. N., Sherbrooke, $80,000.

Ont., Toronto—BAKERY—Regal Bakeries, 611 Gerrard St. E., excavation for 2 and 3 story, basement, 70 x 200 ft., rein.-con., brick, steel, plain found., to W. H. Thompson, 29 Marlborough Ave.; concrete, to R. A. Rogers, Hiawatha Rd.; masonry, to G. H. Huckle, 34 Madison Ave. Est. $175,000. Noted July 19.

Ont., Walkerton — REHABILITATING PLANT—Walkerton Electric Light & Power Co., W. A. Emerson, engr., rehabilitating plant, installing new equipment. $150,000.

Ont., Walkerville — FACTORY—General Motors of Canada, Oshawa, 1 story, 150 x 160 ft., brick, steel, Walker Rd., to Border Constr. Co., Imperial Blk., $60,000.

Constr. News page 130

Buildings—Commercial

Proposed Work

Vt., Rutland — BANK — Hutchins & French, archts., 11 Beacon St., Boston, Mass., soon lets contract altering and constructing 5 story, basement, rein.-con., brick, steel addition, plain found., Merchants Row, for Baxter Natl. Bank, 102 Merchants Row. Est. exceeds $150,000.

Mass., Fall River—STORE, RESTAURANT and OFFICE—J. M. Darling, archt., North Main St., soon lets contract 3 story, basement, brick, plain found., North Main and Granite Sts., for M. Thong. $150,000. Noted May 3.

Mass., Melrose (Ind. br. Boston)—HOSPITAL—Melrose Hospital, 585 Lebanon St., soon takes bids altering and constructing 2 story, basement, 45 x 145 ft., brick addition, plain found. $150,000. Stevens & Lee, 45 Newbury St., Boston, archts. Noted June 21.

Mass., Quincy (Ind. br. Boston)—APARTMENT—W. G. Shaw, 44 Butler Rd., revised plans by E. J. Batty, Inc., 13 Temple St., 3 story, basement, brick, stone, plain found., Butler Rd. $150,000.

Mass., Quincy (Ind. br. Boston)—BUSINESS—R. A. Grossman, 130 Granite St., plans by A. Rosenstein, 220 Devonshire St., Boston, 3 story, 150 x 300 ft., brick, steel, Franklin St. extension. $500,000. Noted Aug. 23.

Mass., Quincy (br. Boston)—THEATER—R. A. Grossman, 130 Granite St., brick, Franklin St. and Quincy Sq. $150,000 or more. A. Rosenstein, 220 Devonshire St., Boston, archt.

Mass., Salem — EXCHANGE — W. H. Koen, 19 Federal St., plans by G. H. Fanning, 221 Essex St., 3 story, basement, brick, stone, plain found., Franklin St. $150,000. New England Telephone & Telegraph Co., Milk St., Boston, lessee.

Mass., Salem—POST-OFFICE, STORE & OFFICE—O. F. Farley, 214 Riverway St., Boston, sketches by Eisenberg & Feer, archts., 46 Cornhill, Boston, 2 story, basement, 90 x 105 ft., brick, stone, plain found., 20-26 New Derby St. $150,000.

N. Y., Astoria—APARTMENT—Trusal Building Corp., 91-28 181st St., Jamaica, plans by W. Sambur, 164-10 Jamaica Ave., Jamaica, 6 story, 100 x 103 ft., brick, timber, 21st St. and 23rd Ave. $225,000.

N. Y., Brooklyn—APARTMENT—Roxol Building Corp., J. J. Sulin, pres., 350 Stone Ave., plans by MacManus & Griffiths, 11 East 42nd St., New York, 6 story, 70 x 100 ft. apartment, Ocean Parkway and Avenue O. $200,000.

N. Y., Flushing—APARTMENT—Maxim Realty Corp., 164-10 Jamaica Ave., Jamaica, plans by W. Sambur, 164-10 Jamaica Ave., Jamaica, 4 story, 90 x 95 ft., brick, steel, 30th and Jordan Aves. $160,000.

N. Y., Flushing—APARTMENT—Queens County Private Homes, Inc., 136-27 Flushing Pl., plans by J. Unger, 93 Amity St., 6 story, 85 x 100 ft., brick, timber, Parsons and Barclay Sts. $150,000.

N. Y., Long Beach—HOTEL—M. White, 295 6th Ave., New York, hotel. $400,000. Engineer and architect not selected.

N. Y., Long Island City—APARTMENT—Morris Rich Constr. Co., 7508 Roosevelt Ave., plans by M. Courlard, 366 5th Ave., New York, 6 story, 95 x 140 ft., brick, timber, Foster and 42nd Sts. $280,000.

N. Y., Long Island City—APARTMENT—N. A. R. Building, Inc., 45 West 45th St., New York, plans by D. J. Cohn, 45 West 45th St., New York, 6 story, 86 x 120 ft., brick, timber, 40th St. and Queens Blvd. $200,000.

N. Y., Long Island City—GARAGE and GAS STATION—Nash Queens Motor Co., 94-30 Merrick Rd., Jamaica, plans by B. Grunlack, 597 5th Ave., New York, 3 story, 125 x 168 ft., brick, concrete, Hillside Ave. and Parsons Blvd. $250,000.

N. Y., New York—APARTMENT—A. I. G. Building Corp., 1563 Macombs Rd., plans by H. I. Feldman, 415 Lexington Ave., 6 story, 88 x 91 ft., brick, steel, Jessup St. and Featherbed Lane. $250,000.

N. Y., New York—APARTMENT—G. W. Baker, Jr., 75 East 93rd St., plans by Delano & Aldrich, 125 East 38th St., 4 story, 100 x 114 ft., brick, stone, 1180 Park Ave. $150,000.

N. Y., New York—APARTMENT—Derfgot Building Corp., D. Gotthelf, pres., 1710 Montgomery St., plans by Schaefer & Rutkins, 2408 Grand Concourse, 6 story, 87 x 165 ft., brick, timber, Wallace Ave. near Lydig St. $300,000.

N. Y., New York—APARTMENT—Fifty-Five Avenue A Corp., A. Agoloff, pres., 25 Court St., Brooklyn, plans by Shampan & Shampan, 188 Montague St., Brooklyn, 12 story, 96 x 114 ft., brick, steel, 43 Avenue A. $900,000.

N. Y., New York—APARTMENT—Four Hundred Ten Central Park West Corp., A. Distillator, pres., 153 West 72nd St., plans by Margon & Holder, 29 West 57th St., 16 story, 75 x 90 ft., brick, steel, 410 Central Park West. $650,000.

N. Y., New York—APARTMENT—Golock Realty Corp., S. Gordon, pres., 56 West 45th St., plans by C. B. Meyers, 31 Union Sq., 6 story, 92 x 140 ft., brick, steel, Buhre and Park View Aves. $200,000.

N. Y., New York—APARTMENT—LYIB Corp., L. Yudin, pres., c/o Kavy & Kavovitt, archts., 350 Stone Ave., Brooklyn, brick, timber, Beach and Seward Sts. $170,000.

N. Y., New York—APARTMENT—Naples Holding Corp., D. W. Napoli, pres., 400 East Fordham Rd., plans by A. E. Schaefer, 2408 Grand Concourse, 4 story, 91 x 138 ft., brick, timber, Haviland and Olmstead Sts. $175,000.

N. Y., New York—APARTMENT—One Thousand Seventy-Four 5th Avenue Corp., A. Campagne, pres., 531 5th Ave., plans by R. Candela, 578 Madison Ave., 13 story, 86 x 90 ft., brick, steel, 1075 5th Ave. $600,000.

N. Y., New York—APARTMENT—Regent Building Corp., 179 Sherman St., plans by Franklin, Bates & Heindsmann, 2526 Webster Ave., 6 story, 87 x 100 ft., brick, timber, Watson and Stratford Aves. $180,000.

N. Y., New York — APARTMENT — Regent Building Corp., 179 Sherman St., plans by Franklin, Bates & Heindsmann, 2526 Webster Ave., 6 story, 87 x 100 ft., brick, timber, Watson and Manor Aves. $180,000.

N. Y., New York — APARTMENT — Thwartes Place, Inc., C. Singer, pres., 1383 Macombs Rd., plans by Cohn & Siegel, 45 West 57th St., 6 story, 130 x 131 ft., brick, timber, Barker St. and Pelham Parkway. $400,000.

N. Y., New York—APARTMENT—Two Hundred Twenty-Five West 71st Street Corp., A. A. Paterno, pres., 578 Madison Ave., plans by R. Candela, 578 Madison Ave., 16 story, 115 x 158 ft., steel, brick, 681 Amsterdam Ave. $1,300,000.

N. Y., New York—APARTMENT—Vanfair Realty Corp., D. G. Ludino, pres., 1061 Walton Ave., plans by C. S. Clark, 441 East Tremont Ave., 6 story, 106 x 142 ft., brick, timber, Heath Ave. and Kingsbridge Rd. $150,000.

N. Y., New York—APARTMENT—Vigo Realty Corp., J. Vigdor, pres., 1963 Arthur Ave., plans by Glick & Duma, 400 East Fordham Rd., 6 story, 89 x 100 ft., brick, timber apartment. $250,000.

N. Y., New York—APARTMENT HOTEL—Master Building, Inc., L. L. Herch, pres., plans by Helmle, Corbett & Harrison, 130 West 42nd St., 24 story, brick, steel, 313 Riverside Dr. $1,700,000. Sugarman & Berger, 345 Madison Ave., associated archts.

N. Y., New York—HOSPITAL—Bellevue & Allied Hospitals, J. J. McGrath, pres., 1st Ave. and 26th St., plans by C. B. Myers, 31 Union Sq., and Thompson, Holmes & Converse, associated archts., 101 Park Ave., 9 story hospital, 400 East 30th St. $3,750,000. Noted Mar. 1.

N. Y., New York—STORAGE and STORE—Winmore Realty Corp., J. T. Lee, pres., 25 West 43rd St., plans by L. A. Goldstone, 420 Lexington Ave., 9 story, 86 x 107 ft., brick, steel, 723 Lexington Ave. $400,000.

N. Y., New York—STORE and APARTMENT—Magnus Constr. Co., 2261 Haviland St., plans by O. Goldschlag, 1482 Bway., 4 story, brick, timber, Haviland and Havemeyer Sts. $150,000.

N. Y., New York—STORE and APARTMENT — Up-to-Date Development Corp., 2030 Walton Ave., plans by Springsteen & Goldhammer, 40 East 49th St., 6 story, 82 x 125 ft., brick, timber, Hobart and Westchester Aves. $200,000.

N. Y., New York—STORE and OFFICE—F. Lee & L. Realty Corp., 145 West 34th St., plans by H. Oser, 1440 Bway., 22 story, 49 x 90 ft., brick, steel, 152 Madison Ave. $450,000.

N. Y., Pelham (Ind. br. New York) — HOSPITAL — Pelham Westchester Sanitarium, J. T. Fenlan, in charge, 167 Secor Lane, plans by Bloch & Hess, 18 East 41st St., New York, 4 story, brick, Pine and Maple Sts. $750,000.

N. Y., Richmond Hill (Ind. br. Jamaica) — APARTMENT — Deacon Development Corp., 26 Court St., Brooklyn, plans by Seelig & Finkelstein, 66 Court St., Brooklyn, 6 story, brick, timber, Park Lane and 108th St. $250,000.

N. Y., Sunnyside (mail **Long Island City**)—APARTMENTS—Nathan Holding Corp., 1230 Elder Ave., New York, plans by Faber & Kalkin, 1746 Pitkin Ave., Brooklyn, two 6 story, 82 x 100 ft., brick, timber, 44th St., and 43rd Ave. $290,000.

N. Y., Woodhaven (Ind. br. Jamaica) — APARTMENTS — Woodhaven Housing Corp., 90-30 Sutphin Blvd., 10 brick, stone, 83rd St. and Woodhaven Ave. $650,000.

New Jersey—APARTMENT, STORE, etc.—Gilvan, Inc., G. A. Herliman, pres., 52 East Palisade Ave., Englewood, apartment, stores, swimming pool, community center, gymnasium and theatre on 14,000 lots, Yorkview Sect. in Norwood and Cloister. $10,000,000. Private plans.

N. J., Bloomfield — APARTMENT — Owner, c/o M. Villanueva, archt., 604 Central Ave., East Orange, revised plans 4 story, basement, 15 x 100 ft., brick, steel, plain found., Lincoln and Clinton Aves. $150,000. Noted Jan. 18.

N. J., East Orange—APARTMENTS—R. Losti, c/o L. Kasoff, archt., 164 Market St., Newark, sketches two 4 story, basement, brick, steel, Arlington Ave. $250,000.

N. J., Grantwood—APARTMENT—H. Muller, 255 Lafayette Ave., sketches 4 story, basement, brick, steel, plain found., West End Ave. $150,000. Private plans.

N. J., Hackensack—APARTMENT and STORE—H. Fein, 190 Fairmount Ave., 4 story, basement, brick, steel, plain found., Johnson Ave. and Main St. $150,000.

N. J., Haddonfield — APARTMENT — Colonial Arms, Inc., c/o Edwards & Green, archts., 548 Federal St., Camden, 6 story, basement, brick, steel, plain found., Washington and West Park Aves. $175,000.

N. J., Harrison (br. Newark)—MUNICIPAL—Bd. Town Council, Town Hall, brick, steel, plain found. $150,000. Engineer and architect not selected.

N. J., Hasbrouck Heights (Ind. br. Hackensack)—APARTMENT—J. Cathcart, Passaic Ave., sketches by O. J. Getty, 274 Madison Ave., New York, 5 story, basement, brick, steel, plain found., Terrace Ave. between Henry St. and Passaic Ave. $200,000.

N. J., Hasbrouck Heights (Ind. br. Hackensack) — APARTMENT — Pickwick Arms, Inc., c/o H. Gerritsen, 118 Passaic Ave., Garfield, plans 5 story, basement, brick, steel, Terrace and Hamilton Aves. $250,000.

N. J., Jersey City—APARTMENT—B. Caminsky, Inc., Tube Concourse Bldg., plans by C. Shilowitz, 26 Journal Sq., 5 story, basement, 100x125 ft., brick, steel, plain found., Tonnelle Ave. $250,000.

N. J., Jersey City—ARMORY—State Military Bd., Capitol, Trenton, 4 story, basement, brick, steel, plain found., Mercier and Montgomery Sts., Summit and Jordon Aves. $1,500,000. Private plans.

N. J., Jersey City—HOSPITAL—C. H. Ziegler, archt., 75 Montgomery St., bids in October, general contract 8 story, basement, 104 x 181 ft., rein.-con., brick, steel, plain found., Clifton Pl., for Bd. Freeholders Hudson Co., Court House. $2,000,000. Noted Mar. 29.

N. J., Lyndhurst (br. Rutherford)—STORE and OFFICE—L. Hillhouse, c/o F. P. Friedman, archt., 395 Springfield Ave., Newark, 2 story, basement, 50 x 200 ft., brick, steel, plain found., Stuyvesant Ave. $150,000.

N. J., Madison — APARTMENT — Feldman & Pivnick, c/o R. Bottelli, archt., 45 Branford Pl., Newark, 3 story, basement, brick, steel, plain found., Green Village Rd. $150,000. Noted June 23, 1927.

N. J., Newark—APARTMENT—I. Jaffe, 60 Park Pl., plans by M. J. Nadel, 32 Hill St., 3 story, basement, brick, steel, plain found., 59 Aldine St. $150,000.

N. J., Newark—APARTMENT—I. Jaffe, 60 Park Pl., plans by M. J. Nadel, 32 Hill St., 3 story, basement, 75 x 100 ft., brick, steel, plain found., 287-91 Goldsmith Ave. $150,000.

N. J., Newark—APARTMENT—Stadium Realty & Investment Co., c/o N. Harris, archt., 20 Branford Pl., sketches 8 story, basement, 70x125 ft., brick, steel, plain found., 345-353 Bloomfield Ave. $250,000.

N. J., Newark—APARTMENT—H. Susser, 106 West 53rd St., Bayonne, plans by C. Goldberg, 437 Bway., Bayonne, 5 story, basement, 55 x 115 ft., brick, steel, plain found., 353-5 Roseville Ave. $150,000.

N. J., North Plainfield (mail Plainfield)—APARTMENT and STORE—E. Foley, 112 Hillside Ave., Newark, 4 story, basement, brick, steel, plain found., on 100 x 128 ft. site, 74-76-80 Watchung Ave. $150,000.

Constr. News page 131

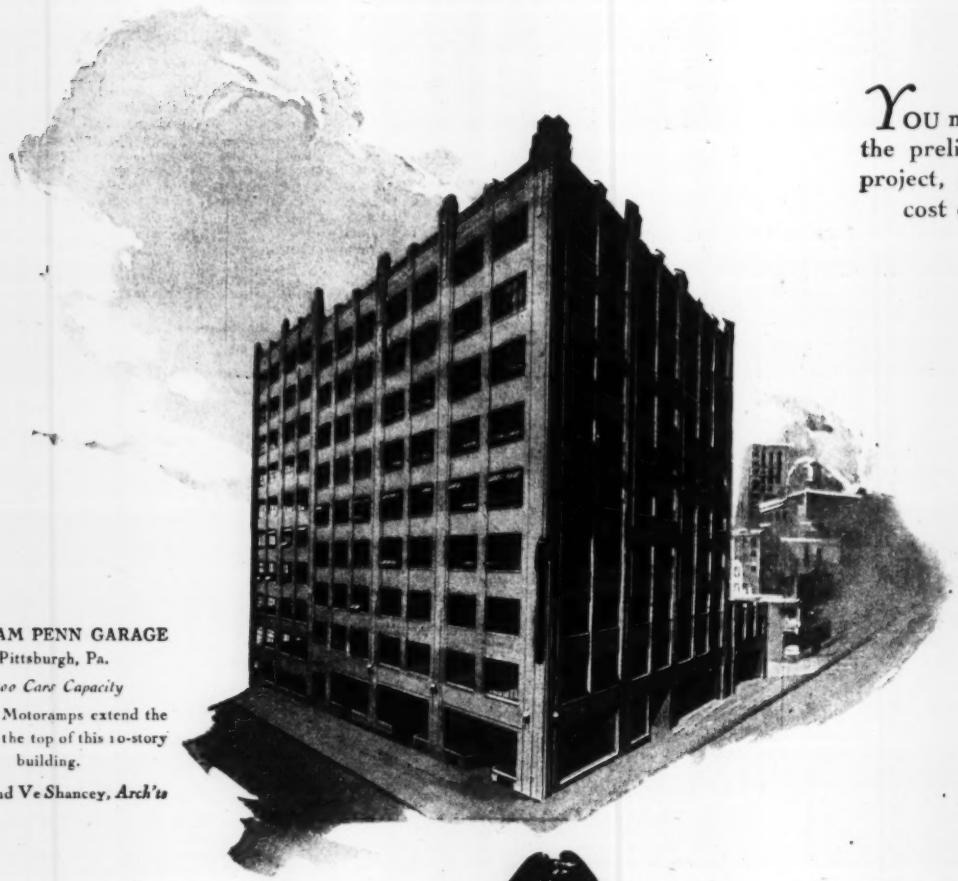
AMERICA NEEDS MORE GARAGES IN HER CITIES

The Fundamental Value

of consultation with our garage engineers and the negotiation of a d'Humy Motoramp license agreement lies in the fact that it best

Protects the Owner's Investment

YOU may consult us in the preliminaries of any project, entirely without cost or obligation.



WILLIAM PENN GARAGE
Pittsburgh, Pa.
400 Cars Capacity
d'Humy Motoramps extend the street to the top of this 10-story building.
Rubin and Ve Shancey, *Arch'ts*

GARAGE ENGINEERS
CONSULTANTS ON PROMOTION AND GARAGE MANAGEMENT

RAMP BUILDINGS CORPORATION

21 East 40th Street New York, N. Y.

Buildings—Commercial (Continued)

N. J., Ocean City—HOTEL and PIER—Owner, c/o G. Kesiter, engr., and archt., 56 West 45th St., New York, sketches 5 story, basement, brick, steel hotel, plain found., and 337 ft. pier, 7th St. and Boardwalk. $4,000,000.

N. J., Orange — APARTMENT — J. J. Kelly, c/o Lilien & Lilien, archts., 155 West 72nd St., New York, 5 story, basement, brick, steel, plain found., North Oxford Pl. and South Center St. $250,000.

N. J., Orange—APARTMENT—J. Zingalli, Glen Ridge Ave., Montclair, revised plans by A. P. Nucciarone, 206 Central Ave., 4 story, basement, 90x135 ft., brick, steel, plain found., North Clinton and Washington Sts. $160,000. Noted July 26. Steam heating, elevators, boilers, stone, brick, metal lath, flooring, roofing, pipe.

N. J., Paterson—APARTMENT—Eastside Holding Corp., 193 East 33rd St., plans by E. C. George, 193 East 33rd St., 6 story, basement, brick, steel, plain found., 179-181 East 33rd St. $200,000.

N. J., Piscataway town (mail New Brunswick)—TOWN HALL—Bd. Boro Council, Town Hall, Raritan, plans by A. Merchant, 52 Paterson St., New Brunswick, 2 story, basement, brick, steel, plain found. $150,000. Noted Aug. 23.

N. J., Princeton—COMMUNITY HOUSE—Bd. City Comrs., City Hall, brick, steel, incl. auditorium and swimming pool, plain found. $150,000. Engineer and architect not selected.

N. J. Trenton—BANK and OFFICE—First Natl. Bank, 34 East State St., revised plans by Fork & Sawyer, 10 East 47th St., New York, and bids in November 4 story, basement, 85 x 96 ft., brick, steel, plain found., East State and North Broad Sts. $150,000. H. G. Balcom, 10 East 47th St., engr. Noted Mar. 22.

Pa., Phila. — APARTMENT — L. Lifter, 631 Walnut St., plans by Stetler & Dysher, 709 Chestnut St., 4 story, basement, 180 x 200 ft., rein.-con., brick, plain found., School House Lane and Wissahickon St.

D. C., Wash.—STORE—S. S. Kresge Co., Kresge Bldg., plans by H. Holmves, c/o owner, altering store, 720-24 7th Ave.

Fla., Tampa — MEDICAL ARTS — W. A. Binnio, 311 East 7th St., plans by Schumacher & Winkler, 10 story, medical arts building. $300,000.

La., New Orleans—SHOWROOM—Packard Motor Co., 1540 East Grand Blvd., 3 story, 120 x 150 ft., brick showroom. $150,000. Engineer and architect not selected.

Tenn., Nashville—HOSPITAL—State of Tennessee, Nashville, R. Lyle, comr. Institutions, plans by Marr & Holman, Stahlman Bldg., rebuilding Central State Hospital for Insane, 4 story hospital, near here, recently destroyed by fire. $200,000.

O., Cincinnati—ENGINE TERMINAL—Chesapeake & Ohio Ry., Richmond, Va., C. W. Johns, ch. engr., expending $2,300,000, engine terminal.

O., Cincinnati—PAVILION—Jewish Hospital, Burnet Ave., plans by Feckheimer & Ihorst, 1010 Schmidt Bldg., 1 story, brick, pavilion on top present hospital. $150,000.

Ind., Muncie — HOSPITAL — Ball Memorial Hospital plans by J. S. Adkins, 15 East 8th St., Cincinnati, O., 2 story, basement, brick, stone, Main St. $250,000.

Mich., Saginaw—WAREHOUSE—Schust Co., Congress St., plans by C. Macomber, 310 Forresters Bldg., 5 story, basement, 50 x 130 ft., rein.-con., brick, plain found., Congress St. $200,000.

Ill., Chicago—APARTMENT—C. Pogler, c/o A. Quitsow, archt., 228 North La Salle St., sketches 10 story, basement, on 147 x 153 ft. site Fair Oaks and Hazel Sts. $500,000.

Ill., Moline — HOSPITAL — Evangelical Lutheran Augustana Hospital plans by Horn & Sandberg, Central Trust Bldg., Rock Island, 4 story, rein.-con., brick, stone, 5th Ave. and 5th St. $350,000. Noted Feb. 16.

Ill., Rockford — CLUB — Rockford Elks Club, c/o C. Brown, secy., 229 Main St., plans by A. G. Erral, Stuart Bldg., and Bradley & Bradley, 520 Brown Bldg., rein.-con., brick, stone side and top addition, Main and Jefferson Sts. $250,000.

Wis., Milwaukee—APARTMENT—E. P. Holfare, 377 Prospect Ave., plans by W. Stuckert, 970 National Ave., 8 story, basement apartment, Prospect Ave.

S. D., Sioux Falls—HOSPITAL—Sioux Valley Hospital Assn., plans by Rose & Harris, 417 Northwestern Natl. Life Bldg., Minneapolis, Minn., 6 story, basement, 42 x 200 ft., rein.-con., brick, terra cotta, marble hospital. $250,000.

Ia., Cedar Rapids — STORE — Newman Mercantile Co., G. F. Newberger, genl. mgr., sketches by H. E. Hunter, Security Bldg., 6 story, basement, 60 x 140 ft., 2nd Ave. and 2nd St. $300,000.

Tex., Big Springs—OFFICE—G. T. Hall, 6 story office building. $150,000. Engineer and architect not selected.

Tex., Del Rio—HOTEL—A. A. Belding & E. A. Elliot 60-room hotel, on Devils River, west of here. $200,000. Private plans.

Tex., Ft. Worth—MARKET—H. J. Lyons plans by E. G. Withers, 401 Holmes Bldg., 1 and 2 story, 330 x 370 ft., rein.-con. or steel, hollow tile, Henderson and Railroad Aves., Lake and El Paso Sts. $270,000.

Tex., New Braunfels — HOTEL — New Braunfels Hotel Co., c/o E. Fisher, bids after Sept. 10, 4 story, 75 x 100 ft., rein.-con., brick, plain found. $150,000. W. E. Simpson & Co., engr., and H. P. Smith, archt., both Natl. Bank of Commerce Bldg., San Antonio. Noted Aug. 2.

Okla., Ada — LODGE and OFFICE — A. F. & A. M. Lodge plans by A. S. Ross, 116½ Main St., 7 story, basement, 50 x 140 ft., rein.-con., brick lodge. $200,000.

Calif., Bakersfield—BANK and OFFICE—United Security Bank & Trust Co., plans by H. A. Minton, Eddy and Powell Sts., c/o Bank of Italy, San Francisco, fireproof addition. $150,000.

Calif., Carlsbad—HOTEL, BATH-HOUSE, etc.—Stanford & Stanford, 1808 West Main St., Alhambra, sketches spanish type hotel, bathhouse and plunge. $300,000. Private plans.
Way. $165,000.

Calif., Long Beach—HOSPITAL—Seaside Hospital plans by Dedrick & Bebee, Heartwell Bldg., 5 story, rein.-con. addition. $150,000.

Calif., San Francisco—APARTMENTS—R. J. Mullin, 328 17th Ave., plans by D. C. Coleman, 110 Sutter St., two 3 story, Bay St. $75,000 each.

Calif., San Jose — DEPOT — Southern Pacific Co., 65 Market St., San Francisco, G. W. Boschke, ch. engr., brick passenger and freight depot, Santa Clara and San Fernando Sts. $200,000.

Calif., Santa Barbara—HOSPITAL—Cottage Hospital plans by C. M. Winslow, Architects Bldg., Los Angeles, 3 or more story, basemant, fireproof addition. $300,000.

Calif., Santa Cruz—BANK and OFFICE—Bank of Italy, San Francisco, plans by H. A. Minton, Bank of Italy Bldg., Eddy and Powell Sts., San Francisco, bank and office building, Soquel and Pacific Aves. $150,000.

Calif., Santa Monica — APARTMENT — Riviere Apartment Corp., c/o E. J. Baume, archt., Natl. Bldg., 4 story, basement, 135 x 210 ft., brick, San Vicente Blvd. $200,000.

Ont., Hamilton — EXCHANGE — Bell Telephone Co. of Canada, 118 Notre Dame St. W., Montreal, Que., plans by L. W. Meek, 76 Adelaide St. W., Toronto, 2 story, basement, 100 x 100 ft., rein.-con., brick, steel, stone, plain found., Jackson St. $150,000. Noted Aug. 30.

Ont., Hamilton—INFIRMARY—Dpt. P. Wks., Parliament Bldgs., Toronto, plans by F. R. Heakes, Parliament Bldgs., 2 story, basement, 115 x 150 ft., rein.-con., brick, steel, stone, plain found., Queen St. $200,000.

Ont., Hamilton—LOFT—Firth Bros., 144 James St. N., 4 story, basement, rein.-con., brick, steel, plain found. $200,000. Engineer and architect not selected.

Ont., North Bay—STORE—T. Eaton Co. Ltd., Yonge and Queen Sts., Toronto, rein.-con., brick, steel, plain found., Main St. $200,000. Engineer and architect not selected.

Ont., Sarnia—HOSPITAL—Sarnia General Hospital plans by C. C. Woods, 217½ Christina St., 2 story, basement, 42 x 140 ft., rein.-con., brick, steel, stone addition, plain found. $150,000.

Ont., Toronto—HOSPITAL—Toronto Orthopedic Hospital, 100 Bloor St. W., plans by Sproatt & Rolph, 1162 Bay St., rein.-con., brick, steel, stone, plain found. $250,000. Noted July 18.

Ont., Toronto—MARKET—Grand Central Markets Syndicate, c/o Associated Development Corp., 45 Richmond St. W., 1 and 2 story, basement, 140 x 257 ft., rein.-con., brick, steel, plain found., Yonge St. $350,000. Engineer and architect not selected.

Que., Montreal—HOTEL—Windsor Hotel Co., Ltd., 20 story hotel addition. $5,000,000.

Bids Desired

Mass., Boston—STORE—W. F. Schrafft Co., 160 Washington St., taking bids altering and constructing 4 story, basement, brick, steel, limestone addition, plain found., 356 Boylston St. $150,000. Parker, Thomas & Rice, 177 State St., archts.

Mass., Boston—STORE and OFFICE—F. W. Woolworth Co., Park Sq. Bldg., taking bids 6 story, basement, 70 x 215 ft., brick, stone, granite, plain found., 120 Tremont St. and 3 Hamilton Pl. $150,000 or more. Private plans. Noted Feb. 23.

Mass., Greenfield — THEATRE — G. B. Theatre Corp., N. E. Goldstein, 103 Bridge St., Springfield, taking bids 2 story, basement, 95 x 240 ft., brick, steel, plain found., $150,000 or more. Mowl & Rand, 21 School St., Boston, archts. Noted July 26.

Mass., Medford — APARTMENT — See "Contracts Awarded."

Mass., Natick—THEATRE and STORE—Suburban Amusement Co., F. L. Harris, pres., 34 Brooks St., Wellesley, taking new bids 1 and 2 story, basement, 60 x 200 ft., and 80 x 200 ft., brick, stone, steel, plain found., Hayes and Central Sts. $150,000 or more. Former bids rejected. J. E. Kelly, 38 Chauncy St., Boston, archt. Noted Jan. 5.

Mass., Waltham (Ind. br. Boston) — HOME — Sept. 11 (extended date), by Hutchins & French, archts., 11 Beacon St., altering and constructing 2 and 3 story, basement, irregular sized, brick addition, plain found., South St., for City, H. F. Beal, mayor, City Hall. $150,000 or more. Noted July 19.

R. I., North Providence (br. Providence) —TEMPLE—Roger Williams Lodge 32, H. H. Wardwell, chn., taking bids 2 story, basement, brick, stone, plain found., Steirs Ave. $150,000 or more. W. R. Walker & Sons, 49 Weybosset St., Providence, archts.

N. Y., New York—STORE and APARTMENT—See "Contracts Awarded."

N. J., Asbury Park—THEATRE, CONVENTION HALL and AMUSEMENT PIER—Sept. 25, by Bd. City Comrs., City Hall, 1 story, basement, 250 x 270 ft., brick, steel, plain, concrete and wood pile founds., Ocean Ave. between Sunset and 5th Aves. $2,000,000. Warren & Wetmore, 16 East 47th St., New York. Archts. Cottrell, Towner & Arend, 527 Bangs Ave., Asbury Park, associated archts. Noted Mar. 1.

N. J., East Orange — APARTMENT — Friedman & Lipstein, c/o Warren & Warren, archts., 31 Clinton St., Newark, takings bids general contract 7 story, brick, steel, plain found., 194 Park Ave. $350,000.

N. J., Englewood—APARTMENT—See "Contracts Awarded."

N. J., Nutley—APARTMENT—See "Contracts Awarded."

N. J., Nutley — APARTMENT — N. P. Maria, 357 Clifton Ave., Newark, taking bids general contract 3 story, basement, 115 x 115 ft., brick, steel, plain found., 335-37 Park Ave. $150,000. A. P. Nucciarone, 206 Central Ave., Orange, archts. Noted Oct. 20.

N. J., Orange—APARTMENT—See "Contracts Awarded."

N. J., Passaic — APARTMENT — See "Contracts Awarded."

Pa., Danville—TUBERCULOSIS COTTAGE—Sept. 11, by Danville State Hospital, 1 story, basement, 31 x 221 ft. tuberculosis cottage, 2 story, basement, 36 x 98 ft. female help building, brick, steel, plain found. F. A. Rianhard, Masonic Temple, Williamsport, archt.

Pa., Phila. — APARTMENT — See "Contracts Awarded."

Pa., Phila. — APARTMENT — Franklin Manor Corp., c/o H. L. Reinbold, archt., 1632 Walnut St., taking bids 10 story, basement, 50 x 100 ft., rein.-con., brick, steel, plain found., 39th and Sansom Sts. $350,000.

Pa., Phila.—COMMERCIAL—Sept. 24, by Reading Co., C. Dillenbeck, ch. engr., Reading Terminal Bldg., 10 story, 225 x 500 ft., rein.-con., brick, caisson found., 1,250,000 sq.ft. floor space, Noble, 13th and Callowhill Sts. $3,000,000. Terminal Warehouse Co., Delaware Ave. and Front St., lessee. Noted Apr. 12.

Pa., Phila.— GARAGE — B. Shulman, archt., 1722 Arch St., taking sub-bids 3 story, basement, 70 x 186 ft., rein.-con., brick, plain found., 2nd and Delancey Sts., for Fox Garage, 2nd and Delancey Sts. $160,000.

D. C., Wash.—APARTMENT—See "Contracts Awarded."

N. C., Burlington—BANK—Sept. 17, Atlantic Bank & Trust Co., 7 or 9 story, basement, concrete, steel, brick, stone, marble, Main and Davis Sts. $200,000. C. C. Hartmann, Greensboro, archt.

Mich., Detroit—APARTMENT—Sept. 10, by F. Schwartz, 2318 Buhl Bldg., 4 story, basement, 77 x 105 ft., rein.-con., brick, steel, plain found., Rochester Ave. $150,000. M. H. Finkel, 1333 Book Bldg., archt.

Ill., Chicago — APARTMENT — D. S. Klafter, archt., 64 West Randolph St., taking bids 2 story, English basement, 50 x 164 ft., brick, stone, 5214 Woodlawn Ave., for M. Meyre, c/o architect. $210,000.

Wis., Milwaukee — OFFICE — A. H. Siewert, archt., 805 36th St., taking bids 11 story, basement, 70 x 120 ft., brick, steel, concrete Wells St., for Medical Arts Building Corp., c/o E. A. Madden, 445 Milwaukee St. $500,000. Noted June 14.

Constr. News page 131a

Buildings—Commercial (Continued)

Mo., Kansas City—TEMPLE—Sept. 12 by Keene & Simpson, archts., 1105 Land Bank Bldg., 3 and 8 story, basement, 130 x 200 ft., rein.-con., stone, Linwood Blvd., for Scottish Rite Temple, c/o E. R. Jones, 500 State Line. $1,500,000. H. Von Unwerth, 705 Finance Bldg., engrs. Noted March 15.

Calif., Los Angeles—APARTMENT-HOTEL—See "Contracts Awarded."

Calif., Los Angeles — APARTMENT — Cramer & Wise, archts., I. W. Hellman Bldg., taking bids 8 story, basement, 80 x 130 ft., concrete, steel, Hillcrest and Franklin Aves., for H. Hersch, et al., c/o architects. $300,000.

Ont., Toronto — OFFICE — H. Horner, archt., 79 Adelaide St. E., taking bids 2 story, basement, 100 x 126 ft., stone, marble, concrete found., University Ave., for Natl. Life Assurance Co. of Canada, 25 Toronto St. $175,000. Noted Feb. 9.

Bids Received

Mass., Waltham—HOSPITAL—Commonwealth of Massachusetts, Dpt. Mental Diseases, State House, Boston, 5 story, basement, 125 x 170 ft., brick, steel, plain found., Trapelo Rd., Waltham, Belmont and Lexington, from Matthew Cummings Co., 43 Tremont St., Boston, $790,000. Noted Aug. 23.

Contracts Awarded

Mass., Brighton (sta. Boston)—APARTMENT—A. W. Weinstein, 905 Barristers Hall, Boston, 4 story, 100 x 100 ft., brick, stone, Warren St. $200,000. Owner builds.

Mass., Cambridge (br. Boston)—MANUFACTURING—Crandall Eng. Co., East Boston, 3 story, brick, steel, rein.-con., plain found., Kendall Sq., to W. M. Bailey Co., 88 Broad St., Boston. Est. $40,000. Noted Aug. 23.

Mass., Medford — APARTMENT — Dunbar Constr. Co., c/o M. Louis, archt., 39 Court St., Boston, 4 story, basement, brick, plain found., Fellsway, separate contracts. $150,000.

Mass., Roxbury (sta. Boston)—APARTMENT—L. Becker, 78 Moreland St., 3 story, basement, 100 x 100 ft., brick, steel, Maple and Cheney Sts. $150,000. Owner builds.

N. Y., Jamaica—OFFICE—Suffolk Title Guarantee Co., 161-19 Jamaica Ave., office building, 9th Ave. and 161st St., to W. Kennedy Constr. Co., 215 Montague St., Brooklyn. Est. $500,000.

N. Y., New York—HOSPITAL—Eighty-Seven St. East End Avenue Corp., 250 Park Ave., 14 story, 96 x 201 ft., brick, steel, 162 East End Ave., to Thompson Starrett, 250 Park Ave. Est. $750,000. Noted July 19.

N. Y., New York—STORE and APARTMENT—D. G. Ludino, 1061 Walton Ave., 6 story, 90 x 174 ft., brick, timber, Kingsbridge Rd. and Heath St., separate contracts. $175,000. C. S. Clark, 441 Tremont Ave., archt.

N. J., East Orange—STORE and OFFICE—Main and Lincoln Realty Co., c/o E. H. Fougner, archt., 197 Market St., Newark, general contract 2 story, basement, 125 x 165 ft., brick, steel, plain found., Lincoln Ave. and East Main St., to Shore Constr. Co., 94 Christie St., Newark. Est. $150,000.

N. J., Englewood—APARTMENT—H. L. Miller, 343 Levinsohn Pl., 4 story, basement, brick, steel, plain found., Grand Ave. and Garret Pl., separate contracts. $150,000. C. Mettberg, 79 West Palisade Blvd., Palisade Park, archt. Noted Aug. 23. Steam heating, refrigeration, boilers, metal lath, etc.

N. J., Hoboken—HOTEL—M. Schuman, c/o Stasse & Barnes, archts., 175 5th Ave., New York, general contract 4 story, 60 x 100 ft., brick, steel, plain found., 2nd and River Sts., to B. Vezzetti & Sons, 1122 Washington St. Est. $150,000. Noted Aug. 2.

N. J., Jersey City—OFFICE and STORE—Universal Security Co., H. Runyon, 50 Journal Sq., general contract 3 story, basement, 75 x 125 ft. brick, steel, plain found., 922 Bergen Ave., to Deakman & Wells Co., 921 Bergen Ave. Est. $150,000. Noted July 5.

N. J., Montclair — APARTMENT and STORE—A. and P. Realty Corp., 15 Market St., Newark, general contract 6 story, basement, 104 x 154 ft., brick, steel, plain found., Church and South Park Sts., to Pellechia Constr. Co., 15 Market St., Newark. Est. $250,000. Noted Aug. 23.

N. J., Morristown — SANITORIUM — Aurora Health Farm, D. Schuman, in charge, Mendham Rd. sanitorium Mendham Rd., to Walker & Hodge, 1206 Bayport Pl., Far Rockaway, N. Y. Est. $250,000.

Constr. News page 132

N. J., Orange—APARTMENT—Scotland Arms, Inc., Scotland Rd., 5 story, basement, 75 x 125 ft., brick, steel, plain found., Whitehall Pl. and Vose Ave., separate contracts. $150,000. Noted Aug. 30.

N. J., Passaic—APARTMENT—Barnet Bros., 293 Paulison Ave., 4 story, basement, 60 x 100 ft., brick, steel, plain found., 32-34 Pennington Ave., separate contracts. $150,000. Preiskel & Skvaria, 2-6 Lexington Ave., archts.

N. J., Paterson—OFFICE and STORE—Lee Hamilton Building Corp., United Bank Bldg., Paterson, general contract 5 story, basement, 75 x 100 ft., brick, steel, plain found., 64-68 Hamilton Ave., to Standard Constr. Co., 972 Broad St., Newark. Est. $150,000. Former contract rescinded. Noted June 14.

N. J., Perth Amboy—BANK—J. N. Pierson & Son, archts., 198 Smith St., general contract 3 story, basement, 30 x 100 ft., brick, steel, plain found., Smith and Hobart Sts., to Perth Amboy Constr. Co., 61 Madison Ave. Est. $150,000. Noted Apr. 9.

N. J., Wildwood — OFFICE — P. Gould, c/o M. B. Reeves, archt., Wildwood, 3 story, basement, 75 x 100 ft., rein.-con., brick, steel, plain found., to C. S. Bannett, 4700 Springfield Ave., Phila., Pa. Est. $150,000.

Pa., Phila.—APARTMENT—Construction Co. of America, c/o G. S. Neubauer, 929 Chestnut St., 4 story, basement, 100 x 200 ft., rein.-con., brick, steel, plain found., 1508 Allegheny St., separate contracts. $400,000. D. Sapowitz, 929 Chestnut St., archt.

Pa., Phila. — APARTMENT — Fifteen Twelve Spruce Street Corp., c/o Ritter & Shay, archts., Packard Bldg., 30 story, basement, 46 x 209 ft., rein.-con., brick, steel, plain found., Spruce and Hicks Sts., to Murphy Quickley Co., 1512 Sansom St.

Pa., Phila. — APARTMENT — W. Friehofer, 20th and Indiana Sts., 4 story, basement, 82 x 155 ft., brick, steel, plain found., Colyn and Old York Rds., separate contracts. $275,000. K. F. Otto, 1828 Arch St., archt.

Pa., Phila. — APARTMENT — A. Rose, 1427 Nedro Ave., 4 story, basement, 67 x 123 ft., and 92 x 125 ft., brick, steel, plain found., Cresheim Rd. and Sedgwick Ave., separate contracts. $160,000. Private plans.

Pa., York — HOTEL — W. L. Stoddart, archt., 50 East 41st St., New York, 8 story, mezzanine, basement, 32 x 132 ft., rein.-con., brick, steel, plain found., to I. Reindollar, 936 Linden St., for Community Hotel Corp., C. B. Rice, York.

D. C., Wash.—APARTMENT—El & Kay, 474 Penn Ave. N. W., apartment, Conn. Ave. and Legation Sts., separate contracts. $600,000. L. T. Rouleau, 1420 K St. N. W., archt. Noted Oct. 13.

D. C., Wash. — APARTMENT — Independent Properties, Inc., 1410 H. St. N. W., apartment, 13th and Longfellow Sts., separate contracts. $150,000.

D. C., Wash. — APARTMENT — Wire Realty Co., 917 15th St. N. W., general contract apartment, 12th and Newton Sts., to D. E. Nichol, 1019 13th St. N. W. Est. $175,000.

La., Houma—BANK and BUS STATION—A. M. and J. C. Dupont, 1 story, 100 x 110 ft., brick, steel, rein.-con., Main St., to G. F. Favrot, Balter Bldg., New Orleans. Est. $150,000.

O., Cincinnati — APARTMENT — A. L. Pachoud, 3459 Montgomery Ave., 4 story, basement, brick, rein.-con., plain found., Herbert St., to Kennedy & Halloran, Main Ave., Norwood. $150,000.

O., Cincinnati—GARAGE—I. Hodesh, 529 Rockdale Ave., 9 story, basement, brick, rein.-con., plain found., Walnut St., to Parkway Constr. Co., 330 Provident Bank Bldg., $200,000.

O., Massillon—THEATRE, STORE and OFFICE—Massillon Theatre Co., general contract 3 story, basement, brick, steel 1st and Dawson Sts., to D. W. Smith, Dover, $300,000; heating to Standard Heating Co., Martins Ferry. Noted Dec. 8, 1927.

Ind., New Castle—INSTITUTION—State Building Comn., Indianapolis, general contract womens building, rein.-con., brick, steel, to A. R. Hunicut, Union City, $105,388. Noted Aug. 30. Heating and plumbing, to Tibbetts Heating & Plumbing Co., Union City, $18,300; electrical work, to Newcastle Electric Co., New Castle, $2,718.

Mich., Detroit — WAREHOUSE — Great Atlantic & Pacific Tea Co., 3 story, basement, 120 x 295 ft., rein.-con., brick, steel, to Austin Co., 16112 Euclid Ave., Cleveland, O. Est. $300,000. Noted June 28.

Mich., Detroit—WAREHOUSE—W. H. Edgar & Son, 1924 Lafayette Blvd., 2 story, basement, 155 x 190 ft., rein.-con., brick, plain found., Dequindre St., to Martin-Krausman Co., 955 East Jefferson Ave. Est. $150,000.

Mich., Eloise—HOSPITAL and HOME—H. H. Prenzlaner, secy. Wayne Co. Poor Bd., City Service Bldg., Detroit, 3 story, basement, 100 x 240 ft., rein.-con., brick, steel, plain found., to Stibbard Constr. Co., 3000 Grand River Ave., Detroit. Est. $500,000. Noted Aug. 9.

Mich., Pontiac—HOTEL—W. G. Burke, 369 South Saginaw St., 3 story, basement, 60 x 200 ft., rein.-con., brick, steel, plain found., South Saginaw St., to Pryate Constr. Co., 405 Pontiac Bank Bldg. Est. $200,000.

Mich., Pontiac—HOTEL and STORE—S. Feldman, 1314 Penobscot Bldg., Detroit, 2 story, basement, 127 x 200 ft. rein.-con., brick, steel ,plain found., East Auburn Ave., to M. Engelman, 600 Kenelworth Ave., Detroit. Est. $150,000.

Ill., Chicago — APARTMENT — Levy & Klein, archts., 228 North La Salle St., masonry contract 4 story, basement, 62 x 200 ft. ,to W. Hammerstrom, 3127 Fullerton Ave.; plumbing, to D. Levy, 3725 Montrose Ave.; heating, to Ideal Heating Co., 6316 Wentworth Ave., for M. R. Rosen, c/o architects. Est. $395,000. Noted July 26.

Ill., Chicago — OFFICE and STORE — Holabird & Root, archts., 333 North Michigan Ave., general contract 5 story, basement, 68 x 164 ft., to Lundorff-Bicknell Co., 180 North Michigan Ave., for D. P. Judah, 2450 Lake View Ave. Est. $500,000. Noted June 21.

Ill., Chicago—STORE, OFFICE, BANQUET HALL—H. Ellenbogen, 3222 Lawrence Ave., general contract 2 story, basement, 71 x 116 ft., Kedzie and Leland Aves., to Henke & Schmitz, 3032 North Oakley Ave.; plumbing, to Lincoln Plumbing Co., 3317 North Ashland Ave.; electrical work, to J. E. Stein, 1517 North Hamlin Ave.; steel, to Wendnagel & Co., 600 West 22nd St.; cut stone, to Glenlake Cut Stone Co., 6155 Keystone Ave.

Ill., Evanston—APARTMENT—Cable & Spitz, archts., 220 South State St., Chicago, masonry contract 3 story, English basement, 152 x 183 ft., to A. M. Anderson, 5059 Wolfram St., Chicago, for A. Melnick, 77 West Washington St., Chicago. Est. $350,000. Noted July 5.

Ill., Waukegan—DEPARTMENT STORE—Oman & Lillienthal, archts., 431 North Michigan Ave., Chicago, masonry contract 5 story, 70 x 134 ft., rein.-con., brick, for Rubens Department Store, 8 North Genesee St., to Callner Constr. Co., 134 North La Salle St., Chicago; terra cotta to Northwestern Terra Cotta Co., 2525 Clybe Ave., Chicago; excavation, to J. C. Kukar, Waukegan. Est. $350,000. Noted May 10.

Minn., Faribault — HOTEL — Harvey Hotel Co., c/o T. J. Harvey, general contract 4 story, basement, rein.-con., brick, stone, to Paul Steenberg Constr. Co., 914 Builders Exch., St. Paul. Est. $250,000. Noted Aug. 2 "under Contracts Awarded."

Kan., Hutchinson—COURT HOUSE and JAIL—Finny Co., 4 story, basement, 71 x 106 ft., stone, rein.-con. to Baily & Burns, Norman, Okla., $122,400. Noted July 26.

Neb., Lincoln—APARTMENT—Company forming, c/o J. M. Alexander, 228 South 16th St., sketches by Miller & Craig, 126 South 11th St., 5 story, basement, 44 x 88 ft., rein.-con., brick, 13th and J. Sts. $200,000.

Mo., Richmond Heights (mail St. Louis)—HOSPITAL—Sisters of St. Mary, c/o Sister Raphael, general contract 3 story, basement, rein.-con., brick, stone, Clayton and Bellevue Aves., to Wimmer Contg. Co., Victoria Bldg., St. Louis. Est. $700,000. Noted June 14.

Tex., Dallas—DEPARTMENT STORE—Titche-Goettinger Co., E. Titche, pres., Main and Evray Sts., 8 story, basement, 125 x 200 ft., Elm St., to Watson Co., Santa Fe Bldg., $1,000,000.

Tex., Dallas—HOTEL—G. W. Owens & Associates, 334 Commerce St., 7 story, basement, 100 x 100 ft. hotel, Ballard Ave., to L. H. Lacy, 2632 Swiss Ave. $375,000. Noted Dec. 29.

Tex., San Antonio—BUS TERMINAL—Martin-Navarro Co., L. W. Lipscomb, pres., Frost Bank Bldg., 1 and 2 story, basement, rein.-con., brick, stucco, plain found., Martin and Pecan Sts., to Walsh & Burney, Inc., 928 Flores St. $110,000.

Okla., Tulsa—COLISEUM—Magic City Amusement Co., c/o Smith & Senter, archts., 305 Philtower Bldg., 1 story part basement, 160 x 300 ft., rein.-con., brick, steel, plain found., Elgin St., to W. Bellows, 103 East 13th St., $206,746. Noted July 19.

Calif., Los Angeles — APARTMENT — W. R. Adams, c/o Cramer & Wise, archts., I. W. Hellman Bldg., 5 story, 100 x 195 ft.,

Buildings—Commercial (Continued)

steel, to Moye & Brock, 5000 Budlong Ave. $165,000. Noted July 19.

Calif., Los Angeles — APARTMENT — Chateau Holding Corp., 5 story, basement, 43 x 95 x 115 ft., rein.-con., Serrano St., to R. H. Whinery, Grosse Bldg., $165,000.

Calif., Los Angeles—APARTMENT-HOTEL—A. T. Pelton, 6001 Santa Monica Blvd., 8 story, basement, 95 x 120 ft., rein.-con., Irola St., segregated contracts. $500,000. M. M. Friedman, 338 North Normandie Ave., archt.

Calif., Glendale — MUNICIPAL — City, general contract 6 story, basement, 50 x 140 ft., rein.-con., steel, to H. F. Jones, 39 Congress St., Pasadena, $162,000. Noted Aug. 2.

Calif., Los Angeles—APARTMENT—S. C. Woodward, 4 story, basement, 80 x 130 ft., brick, Camero Ave., to Chute Finance & Constr. Co., 501 North Verdugo Ave. Est. $150,000.

Calif., Los Angeles — HOSPITAL — Los Angeles Co. (unit 1) 1 story, part basement, 61 x 494 ft., (unit 2) 1 story, 61 x 214 ft., rein.-con., steel, Olive View Sanitarium, to P. J. McDonald Co., 1800 Industrial St., $187,452. Noted June 14.

Ont., Hamilton — HOME — City, general contract 3 story, basement, 70 x 138 ft., rein.-con., brick, steel addition, to W. H. Cooper, 6 Hughson St. N. Est. $150,000. Noted Dec. 22.

Ont., Toronto—OFFICE—Toronto Medical Arts Building, Lumsden Bldg., general contract 9 story, basement, rein.-con., brick, steel, stone, plain found., to Anglin-Norcross Ltd., Temple Bldg.; excavation contract, to Lioni & Co., 1411 Dufferin St. Est. $500,000. Noted Aug. 23.

Buildings—Educational, Religious

Proposed Work

Mass., East Bridgewater — SCHOOL — Town, H. L. Morehouse, chn. Building Com., altering and constructing 2 story, basement, brick addition, plain found., Bedford St. $150,000. Engineer and architect not selected.

Mass., Somerville—HALL—St. Catherines Roman Catholic Church, J. B. Peterson, pastor, 179 Summer St., plans by J. P. Heffernan & J. M. Gray, 175 High St., 2 story, basement, brick, plain found., 183 Summer St., $150,000.

Mass., Winthrop (br. Boston)—CHURCH—First Baptist Church, c/o Froham, Robb & Little, archts., 140 Boylston St., Boston, sketches church. $150,000.

R. I., Little Compton—SCHOOL—Town, J. W. Coombs, supt., plans by E. M. Cornert, 70 Bedford St., Fall River, Mass., brick, steel community school. $150,000. W. Tallman, 271 Union St., New Bedford, Mass., engr.

Conn., New Haven—LABORATORY—Yale University, brick, steel, stone medical research laboratory. To exceed $150,000. C. A. Jackson, 463 8th Ave., New York, archt.

Conn., Shelton—CHURCH—First Baptist Church, A. Prindle, pastor sketches by Kinne & Palmer, 256 Main St., Derby, brick, stone, Coram and Elm Sts. $150,000.

N. Y., Greece — SCHOOL—Rural School Dist., 1, A. R. Koerner, Ridge Rd., sketches by C. C. Ade, 89 East Ave., Rochester, school. $200,000.

N. Y., Tompkinsville (sta. Staten Island)—COLLEGE—Wagner College, 631 Serpentine Rd., bids in October, college. $250,000. Conable, Smith & Rowley, 46 West 24th St., New York, archts. H. G. Otto, 92 Beach St., Stapleton, associated archt.

N. J., Cliffside (mail Cliffside)—SCHOOL—Bd. Educ., Palisade Ave., plans by E. F. Manahan, 3 Knox Ave., Grantwood, and W. Mayer, Jr., and R. E. Genez, 711 Bergenline Ave., West New York, associated archts., 2 story, basement, brick, steel addition to School 4, Lawton Ave. $150,000. Noted June 7.

N. J., Collingswood (br. Camden) — CHURCH and BIBLE SCHOOL—Collingswood Presbyterian Church, H. J. Laid, pastor, plans by G. E. Savage, Witherspoon Bldg., Phila., Pa., stone, plain found., Fern St. and Maple Ave. $175,000.

N. J., Hackensack—COMMUNITY CENTER—Y.M.H.A., C. Plager, chn. Building Com., 211 Essex St., soon lets general contract 3 story, basement, 90 x 130 ft., brick, steel, plain found., Essex St. $150,000. D. Levy, 110 East 42nd St., New York, archt. Noted Apr. 19.

N. J., Jersey City—SCHOOL—State Bd. Educ., State House, Trenton, plans by Guilbert & Betelle, 20 Branford Pl., Newark, altering and constructing 3 story, basement, brick, steel addition, plain found. $150,000. Noted June 21.

N. J., Linden—SCHOOL—Bd. Educ., St. George Ave., brick, steel, plain found., Hackensack Ave. $150,000.

N. J., Lyndhurst (Ind. br. Rutherford)—SCHOOL—Bd. Educ., Town Hall, altering and constructing 2 story, basement, brick, steel addition, plain found., Fern Ave. $350.000. Engineer and architect not selected.

N. J., Lyndhurst (br. Rutherford)—SCHOOL—Bd. Educ., Town Hall, sketches by A. L. Vegliante, 42 Passaic Ave., Garfield, altering and constructing 2 story, basement, brick, steel addition, plain found., Ridge Rd. $175,000.

N. J., Neptune City (mail Avon by the Sea)—SCHOOL—Bd. Educ., South Main St., revised plans by L. T. Godfrey, 316 Kinmouth Bldg., Asbury, Park, and probably bids about Oct. 1, 2 story, basement, brick, steel, plain found., Green Grove Rd. $300,000. Noted Aug. 30.

N. J., Newark—SCHOOL—Bd. Educ., City Hall, plans by Simpson & Rolston, 45 Waknut St., 1 story, brick, steel, plain found., Boylan St. $187,000. Noted Aug. 30.

N. J., Newark—SCHOOL—Newark Academy, High St., sketches by Guilbert & Betelle, 20 Branford St., 2 story, basement, brick, steel, plain found., Orange St. and Branch Brook Park. $150,000. Noted Aug. 23.

N. J., Newark — SCHOOLS — Bd. Educ., City Hall, two 2 story and 3 story, basement, brick, steel schools, one in Vaukburg Sect. and other in Weequahanic Sect. $375,000 each. Engineer and architect not selected.

N. J., Plainfield—COMMUNITY CENTER—Jewish Community Center S. H. Schwartz, 185 North Ave., bids in November, 2 story, basement, 110 x 130 ft., brick, steel, plain found., West 7th St. and Central Ave. $150,000. Block & Hesse, 18 East 41st St., New York, archts. Noted June 28.

N. J., West Orange—SCHOOL—Bd. Educ., Northfield Ave., sketches by Hacker & Hacker, Fort Lee Trust Bldg., Fort Lee, 2 story, basement, brick, steel, plain found., St. Cloud Sect. $150,000. Noted Aug. 30.

Pa., Erie — CHURCH — Park Central Presbyterian Church plans by Corbusier & Foster, B. F. Keith Bldg., Cleveland, O., 1 story, 150 x 300 ft., steel, limestone church. $1,000,000.

La., New Orleans—ACADEMY—New Orleans Dominican Female Academy, St. Charles St., plans by A. S. Montz, 740 Poydras St., 4 story, 40 x 160 ft., brick, stone, St. Charles St. $160,000. Noted Oct. 29, 1925.

La., New Orleans—NURSES' HOME—Charity Hospital plans by Favrot & Livaudais, Hibernia Bldg., 3 story nurses' home, Tulane St. $150,000.

La., New Orleans — SCHOOL — Orleans Parish School Bd., City Hall, plans by E. A. Christy, City Hall, Merrick School, 3 story, rein.-con., brick, stone, Howard St. $150,000.

O., Cincinnati—NURSES' HOME—Jewish Hospital, Burnet Ave., plans by Fechheimer & Ihorst, 1010 Schmidt Bldg., 3 story, basement, brick, plain found., Burnet Ave. $600,000.

Mich., Pontiac— HIGH SCHOOL — Bd. Educ., soon take bids Lincoln Junior High School, 1 and 2 story, basement, 216 x 263 x 374 ft., $400,000; grade school, $300,000, both rein.-con., brick, stone. W. B. Ittner, 911 Locust St., St. Louis, Mo., archt. Noted July 19.

Ill., Chicago — HIGH SCHOOLS — Bd. Educ., 650 South Clark St., E. Withall, genl. mgr., rejected bids high school at 82nd and Essex Sts., Long and Fullerton Aves., Austin and Cornelia Aves., 55th St. and Rockwell Ave., 18th St. and Kildare Ave. and 6520 South Wood St. Will readvertise. Noted July 19.

Ill., Waukegan — CHURCH and RECTORY — J. McCarthy, archt., 139 North Clark St., Chicago, soon takes bids 2 story, brick, stone, Grand and Washington Sts., for Catholic Bishop of Chicago, c/o W. Hoffman, 740 Cass St. $400,000.

Tex., Donna—HIGH SCHOOL—Donna Independent School Dist., Bd. Educ., c/o J. E. Weir, plans by Phelps & De Wees, Gunter Bldg., San Antonio, high school. $200,000. Noted Aug. 23.

Tex., Waco—SCHOOL—Bd. Educ. plans by B. Pearson, Waco, school. $160,000.

Ore., Portland — SCHOOL of COMMERCE — School Bd. Dist. 1, soon takes bids rein.-con., plain found. $400,000. G. H. Jones, City Hall, school archt.

Ore., Portland — HIGH SCHOOL — City plans by G. H. Jones, City Hall, 2 story, basement, rein-con., high school, incl. 26 rooms, auditorium, gymnasium, library, assembly hall, manual training shops, in Montavilla. $310,000.

Calif., Sacramento — SCHOOL — School Dist. plans by Dean & Dean, State Life Bldg., 2 story, concrete, brick, 4th St. $300,000.

Que., Sherbrooke — CONVENT — L. N. Odette, archt., convent. $200,000.

Bids Desired

Mass., Cambridge (br. Boston)—TEST LABORATORY—Massachusetts Institute of Technology, Massachusetts Ave., taking bids 1 story, 85 x 155 ft. engine testing laboratory and shop, brick. Vassar St. and Massachusetts Ave. $150,000 or more. Coolidge & Carlson, 89 State St., Boston, archts.

Mass., Roxbury (sta. Boston)—NURSES HOME—Massachusetts Women's Hospital, 53 Parker Hill Ave., taking bids 3 story, basement, brick, stone, plain found., Parker Hill Ave. $150,000. Andrews, Jones, Biscoe & Whitemore, 50 Congress St., archts. Noted Aug. 23.

N. Y., Elmsford—SCHOOL—School Dist. 9, Town of Greenburgh, bids about Sept. 20, general contract 2 story school. $250,000. Knappe & Morris, 171 Madison Ave., New York, archts.

N. Y., New York—SCHOOLS—Sept. 11, by W. C. Martin, archt. and supt. School Buildings, Flatbush Ave. extension and Concord St., Brooklyn, general contract P. S. 77, Ward Ave. and East 172nd St.; and P. S. 93, Story, Boynton and Elder Aves., for Bd. Educ., 500 Park Ave. Noted Aug. 30.

N. Y., Newark—DORMITORIES, etc.—Sept. 26, by Commissioner Mental Hygiene, Albany, Dormitory Buildings East and West, dining room and service buildings at Newark State School. Noted July 12; adv. E, N.-R. Sept. 6.

N. J., Bloomfield — TEMPLE and SCHOOL — A. G. Brach & S. Singer, archts., 60 Park Pl., Newark, bids about Oct. 1, general contract 2 story, basement, brick, steel, plain found., 430 Franklin Ave., for Temple Bnai Zion, A. Lipton, 13 Broad St., Newark. $150,000. Noted Aug. 9.

N. J., Boonton — SCHOOL — Sept. 7, by Bd. Educ., 714A Main St., general contract 2 story, brick, steel, plain found., Maple and Lathrop Aves. $300,000. Former bids rejected. Hacker & Hacker, Fort Lee Trust Bldg., archts. Noted Aug. 16.

N. J., New Milford—HIGH SCHOOL—Bd. Educ., Boro Hall, bids about Sept. 15, general contract 2 story, basement, brick, steel, plain found. $400,000. E. Sibley, Bluff Rd., Palisade, archt. Noted Aug. 9.

N. J., North Haledon (mail Paterson)—ORPHANAGE—Sisters Order, Daughters of Mary Help of Christians, 41 Ward St., Paterson, bids about Sept. 1, general contract on revised plans 2 story, basement, 60 x 125 ft., brick, steel, plain found., Belmont Ave. $150,000. J. Bellomo, 6 Park Ave., Paterson, archt. Noted Aug. 9.

N. J., Teaneck (mail West Englewood)—SCHOOL—Bd. Educ., Town Hall, bids about Oct. 1, general contract 2 story, basement, brick, steel addition, plain found. $150,000. Hacker & Hacker, Fort Lee Trust Bldg., Main St., Fort Lee, archts. Noted Mar. 15.

Va., University (branch of Charlottsville)—DORMITORIES and ACADEMIC—University of Virginia, E. A. Alderman, pres., taking bids 8 dormitories and 1 academic building. $700,000. J. K. Peebles, Norfolk, W. D. Blair, 154 East 61st St., New York, R. E. L. Taylor, Union Trade Bldg., Baltimore, Md., associated archts.

Fla., Tallahassee — GYMNASIUM—Sept. 17, by State Bd. Control, gymnasium on grounds Florida State College for Women. R. Weaver, 200 Peabody Hall, Gainesville, archt.

La., New Orleans—MUSIC SCHOOL—Sept. 25, by E. Weil, archt., Whitney Bldg., Dixon Hall, 2 story, rein.-con., brick, steel, wood pile found., Newcomb St., for Newcomb College, Bway. St. $300,000. Noted May 31.

Tenn., Jackson—HIGH SCHOOL—J. D. Johnson, comr. Bd. Educ., taking bids 3 story, basement, concrete, brick, Allen Ave. $225,000. R. A. Heavener, Box 37, archt. Noted July 5.

O., Cincinnati—SCHOOL—Sept. 24, by Bd. Educ., 216 East 9th St., 3 story, basement, 151 x 303 ft., brick, rein.-con., plain found., Freeman St. $800,000. G. Drach, Union Trust Bldg., archt.

Constr. News page 133

Buildings—Educational, Religious (Cont.)

O., Columbus—DORMITORY—Sept. 10, by Paulina Home for Aged, 1323 East Main St., 2 story, basement, 70 x 120 ft., brick, steel, concrete. $150,000. Miller & Reeves, 203 East Broad St., archts.

Ind., Indianapolis—CHURCH—Wheeler Mission, 241 North Delaware St., taking bids and opens same about Sept. 19, 3 story, basement, 35 x 126 ft., rein.-con., brick. $150,000. Bacon & Tislow, 35 West Ohio St., archts.

Ind., Indianapolis—CHURCH—Sept. 11, by Scientist Church, Washington Blvd. and 34th St., R. E. Blossom, chn., 3520 Fall Creek Blvd., rein.-con., brick, steel, stone. $150,000. R. F. Daggett, Continental Bank Bldg., archt. Noted Mar. 29.

Ind., Indianapolis—CHURCH—Sept. 14, by Catholic Church, 42nd St. and Central Ave., M. O'Connor, pastor, 4217 Central Ave., 2 story, basement, rein.-con., brick, steel, 42nd St. and Central Ave. $250,000. H. Schlacks, 820 Tower Court, Chicago, Ill., archts.

Mich., Detroit—SCHOOL—Sept. 14, by C. A. Gadd, bus. mgr. Bd. Educ., 1354 Bway. Ave., 2 story, basement, 65 x 140 ft., rein.-con., brick, steel, plain found., Asbury Park. $175,000. Burrowes & Eurich, 415 Brainard St., archts.

Ia., Cedar Rapids — SCHOOL — St. Patricks Roman Catholic Parish bids about Sept. 17, 3 story, basement, 125 x 195 ft., brick, stone, plain found. $175,000. C. B. Zaleskey, Cedar Rapids, archt.

Minn., St. Peter—DORMITORY—Sept. 13, by Gustavus Adolphus College, O. J. Johnson, pres., 4 story, basement, 102 x 176 ft. men's dormitory, rein.-con., brick, Kasota stone. $150,000. W. M. Ingemann, 586 Endicott Bldg., St. Paul, archt. Noted Aug. 16.

Bids Received

Mass., Quincy (Ind. br. Boston) — SCHOOLS—Pub. Building Dept., City Hall, Aug. 24, 2 story, basement, 45 x 152 ft., and 37 x 59 ft., Merrymount St.; and 2 story, basement 42 x 150 ft., and 40 x 60 ft. wings, Adams Shore, brick, steel, from P. J. Cantwell, 6 Dakota St., Dorchester, $307,900. Est. $300,000. Noted July 5.

Mass., Quincy (Ind. br. Boston) — SCHOOLS — City, J. N. Muir, supt., two 2 story, basement, 105 x 155 ft., brick, stone, plain found., one Pelican Rd., Adams Shore Dist., other Agawam Rd., Merrymont Dist., from P. J. Cantwell, 6 Dakota St., Dorchester, $307,900. Noted Aug. 30.

N. Y., Clifton Springs—SCHOOL—School Dist. 4, Town of Phelps, general contract 3 story, basement, from R. E. Stockwell, Lockport, $110,000. Heating, ventilating, and plumbing, from Hickey Bros., Olean, $31,004. Noted June 21.

N. J., Newark—VOCATIONAL SCHOOL —Essex Co. Bd. Vocational Educ., Hall of Records, general contract 3 story, basement, 195 x 245 ft., brick, steel, plain found., North 13th St. between Springfield Ave. and Little St., from F. Kilgus, Inc., 13 South 6th St., Newark, $553,293; plumbing, from Schrenell Bros., 73 South 12th St., $32,224; heating, from R. P. Lister, 532 Bloomfield Ave., Verona, $72,293; electrical work, from S. and S. Supply Co., 541 Clinton Ave., $21,499. Noted Aug. 9.

Contracts Awarded

Mass., Somerset — CHURCH — St. John of God Roman Catholic Parish, R. Furtado, pastor, Essex St., Fall River, 1 story, basement, brick, stone, plain found., near Reads Corner, South Somerset, to Bernier & Ambrosia, London St., Fall River. Est. $150,000 or more.

N. Y., Buffalo — SCHOOL — Bd. Educ., 900 Genesee Bldg., 3 story, 100 x 250 ft., rein.-con., brick, steel, to J. Christiana, Gerrans Bldg. Noted June 28.

N. Y., New York — CHURCH and APARTMENT — Second Presbyterian Church, 2 West 95th St., 16 story, brick, steel, to Church Eng. Co., 101 Park Ave. Est. $2,000,000. Noted Jan. 26.

Pa., Allentown — DORMITORY—Jacoby & Everett, archts., Commonwealth Bldg., 3 story, basement, sub-basement, 118 x 248 ft., rein.-con., brick, plain found., to Curtis Bros., 10 South 18th St., Phila., for Cedar Crest College. Noted Aug. 9.

Pa., Bethlehem — LIBRARY — Lehigh University, library, to Jacob & Youngs, 116 West 32nd St., New York. Est. $500,000.

Pa., Phila.—SCHOOL—Gleason & Mulrooney, archts., 250 South Broad St., 3 story, basement, 63 x 155 ft., stone, steel, granite limestone, plain found., to J. McSpain, 1713 Sansom St., for Resurrection of Our Lord Parish, J. M. Crosson, pastor. Est. $200,000. Noted Aug. 30.

Pa., Pittsburgh — CHURCH — East Liberty Presbyterian Congregation, Penn Ave., general contract 1 story, basement, steel, stone addition, to E. A. Wehr, Hiland Bldg. Est. $150,000.

Pa., Warren — SCHOOL — School Dist., general contract 2 story, basement school, to Hyde Murphy Co., Ridgeway. Est. $150,000.

Pa., Wilkinsburg — CHURCH — Second Presbyterian Congregation, Mulberry St. and Franklin Ave., general contract 2 story, basement, brick, steel addition, to S. M. Wilson, 5941 Baum Blvd., Pittsburgh. Est. $150,000.

N. J., Kearny (sta. Arlington) — LIBRARY — Bd. Trustees Free Pub. Library, general contract 1 story, 100 x 150 ft., brick, steel, plain found., to M. Millimet, 988 Bergenline Ave., Union City, $95,000. Noted May 10.

Ky., Louisville—CHURCH—A. C. Zoeller, pastor Holy Trinity Church Congregation, Kentucky St. and Schiller Ave., part basement, auditorium, 85 x 125 ft., brick, stone, to National Concrete Constr. Co., Bd. Trade Bldg. Est. $200,000. Noted Jan. 26.

O., Akron—RECREATION—Akron Jewish Center, 2 story, basement, 108 x 112 ft. steel, 30 South Balch St., to O. Weinstein, 38 South Howard St., $150,000.

O., Columbus—LIBERAL ARTS—Bd. Trustees Ohio State University, C. E. Steeb, secy., general contract altering and constructing 3 story, basement, 180 x 200 ft., brick, stone addition, to R. H. Evans & Co., 8 East Long St., $299,195. Noted Apr. 12.

Mich., Grosse Pointe (br. Detroit) — SCHOOL—Sacred Heart Convent, 3 story, basement, 145 x 260 ft., rein.-con., brick, steel, plain found., Lakeshore Rd., to Walbridge-Aldinger Co., 2312 Penobscot Bldg., Detroit. Est. $600,000. Noted Aug. 23.

Mich., Kalamazoo — DORMITORY — Sisters of St. Joseph, North Burdick St., 4 story, basement, 55 x 340 ft., rein.-con., brick, plain found., North Burdick St., to DeRight Bros. Constr. Co., 300 McNair Bldg. Est. $300,000. Noted Aug. 9.

Ill., Chicago — SCHOOLS — Bd. Educ., 650 South Clark St., E. Withall, bus. mgr., general contract two 2 story, 200 x 265 ft. schools, one at Mobile and Armitage Aves., to S. N. Nielson Co., 3059 Augusta St., $275,840, other on 83rd St. and St. Lawrence Ave., to Frank Burke & Son, 35 South Dearborn St., $272,300. Noted July 19.

Ill., Chicago—SCHOOL—Catholic Bishop of Chicago, 740 Rush St., general contract marble, stone to M. J. Boyle Co., 105 West Monroe St. Est. $200,000. Noted Apr. 5.

Kan., Lawrence—FRATERNITY HOUSE —Phi Kappa Psi Fraternity, general contract 3 story, basement, brick, rein.-con., stone, to J. T. Constant & Son, Lawrence. Est. $150,000.

Mo., Clayton—CONVENT and SCHOOL —Ladies of Sacred Heart, c/o Mother Reid, Academy of Sacred Heart, Taylor and Maryland Aves., St. Louis, 2 story, basement, 300 x 360 ft., rein.-con., brick, native stone, Conway and Spoede Rds., to C. W. Schuler Co., 283 Texas Ave., St. Louis. Est. $200,000. Noted May 3.

Mo., St. Louis—SCHOOLS—Bd. Educ., 911 Locust St., general contract Walbridge School, 3 story, 35 x 96 ft. addition, to Gillespie & Daly, Inc., 6400 Nashville St., $49,846; Lindenwood Grade School, 3 story, 75 x 162 ft., McCausland and Mardel Sts., and Kennard School, 3 story, 63 x 191 ft., Potomac and Hereford Sts., rein.-con., brick, stone, to Humes-Deal Co., Arcade Bldg. $199,397 and $290,457 respectively. Grand total $539,700. Noted June 27.

Tex., Houston—HIGH SCHOOL—Houston Ind. School Dist., H. L. Mills, mgr., 1600 Washington Ave., general contract Junior High School, 1 and 2 story, 34 room, concrete, brick, hollow tile, steel, Washington Rd., to West & Jensen, 2106 2nd Natl. Bank Bldg., $138,250.

Tex., Houston — SCHOOL — Houston School Bd., 2 story, rein.-con. addition, 20th St., to C. Curts, Washington St., $211,060. Est. $215,000.

Calif., Sacramento — CHURCH — First Baptist Church, 3 story, basement, 110 x 121 ft., brick, steel, plain found., to C. J. Hopkinson, 1810 28th St., $163,000. Noted June 9.

Ont., Chatham—VOCATIONAL SCHOOL —Bd. Educ., B. Kendrick, chn., general contract addition, to Avery Shipp Constr. Co., 2850 Dundas St. W., Toronto, $94,248.

Constr. News page 134

Federal Government Work

Proposed Work

Md., Annapolis — BOILER HOUSE — Spec. 5635 — Bureau Yards & Docks, Navy Dpt., repairing boiler house, Naval Academy (Engineering Experiment Station).

D. C., Anacostia (br. Wash.)—HEATING SYSTEM—Spec. 5721—Bureau Yards & Docks, Navy Dpt., Wash., D. C., heating system, at Naval Air Station.

O., Dayton—REPAIR SHOP—Constructing Quartermaster, Wright Field, 1 story, 200 x 300 ft., rein.-con., brick, steel, plain found., Wright Field. $243,000.

Tex., San Antonio — AIRPORT, etc. — Constructing Quartermaster, airport, incl. barracks, warehouse, road and utilities, on 3,400 acres land, 10 mi. northeast of here.

Bids Desired

Mass., Rutland Heights—GREENHOUSE —Sept. 11, by U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., greenhouse with workroom, U. S. Veterans Hospital.

Conn., Bridgeport—DREDGING—Oct. 3, by U. S. Engineer Office, Providence, R. I., in Bridgeport Harbor; adv. E. N.-R. Sept. 6. Noted July 19.

Conn., Norwalk — DREDGING — Oct. 1, by U. S. Engineer Office, Providence, R. I., in Norwalk Harbor; adv. E. N.-R. Sept. 6. Noted July 12.

D. C., Wash. — AIR COMPRESSOR — Sept. 11, by A. L. Flint, purch. agt. Panama Canal, Wash., D. C., air compressor, ignition cable, electrodes, portable pneumatic grinder.

Va., Norfolk — RIP RAP — Sept. 19, by U. S. Engineer Office, 3,032 short tons rip rap stone for repairing Craney Island Bulkhead, Norfolk Harbor; adv. E. N.-R. Sept. 6. Noted Aug. 23.

Tex., Fort Sam Houston (sta. San Antonio) — BARRACKS — Constructing Quartermaster, San Antonio, bids about Sept. 24, Artillery Barracks Building, 2 story, 50 x 350 ft., rein.-con., brick, stone.

Bids Received

Connecticut — DREDGING — U. S. Engineer Office, Providence, R. I., Aug. 24, dredging in Housatonic River, from Bridgeport Dredge & Dock Co., 1024 Main St., Bridgeport, Conn., $9,523. Noted July 5.

N. Y., Albany—DREDGING—U. S. Engineer Office, Army Bldg., 30 Whitehall St., New York, Aug. 29, 3,570,000 cu.yd. Hudson River, 8 mi. south of here, from United Dredging Co., 232 Bway., New York, 417-953. Noted Aug. 2.

N. Y., Beacon—OUTSIDE STEAM DISTRIBUTION SYSTEM—U. S. Veteran's Bureau, Arlington Bldg., Wash., D. C., at U. S. Veteran's Hospital, Castle Point, from Virginia Eng. Co., Newport News, Va., $35,873.

Va., Norfolk—DREDGING—U. S. Engineer Office, Aug. 30, 1,200,000 cu.yd. maintenance dredging in Southern and eastern branches of Elizabeth River, Norfolk Harbor, from Bickel Dredging Co., 50 Church St., New York, at $0.173 per cu.yd. Noted Aug. 16.

Illinois—DIKES—U. S. Engineer Office, Custom House, St. Louis, Mo., 3,000 lin.ft. dikes or hurdles at Crain Island, in Mississippi River, from Kansas City Bridge Co., 510 Orear Leslie Bldg., Kansas City, Mo., $126,345; 4,000 lin.ft. at Boston Bar, from W. P. McGeorge, Pine Bluff, Ark., $179,980. Noted Aug. 9.

Arkansas — EARTHWORK — Mississippi River Comn., 1st and 2nd Dists., McCall Bldg., Memphis, Tenn., 610,000 cu.yd. levee work in White River and Lower St. Francis Levee Dist., from Hughey Bros. Constr. Co., 971 James St., Memphis, Tenn. Noted Aug. 16.

Texas—DREDGING—U. S. Engineer Office, Galveston, in Houston Ship Channel, from Atlantic, Gulf & Pacific Dredging Co., Scanlan Bldg., Houston, at $0.1174 per cu.yd. Noted July 19.

Contracts Awarded

New Jersey—DREDGING—U. S. Engineer Office, 2nd Dist., Army Bldg., New York, dredging in Hackensack River, to Atlantic, Pacific & Gulf Co., 13 Park Row, New York, $228,213. Noted Aug. 16.

Mississippi—DREDGING and LEVEE—Third Mississippi River Comn., Vicksburg, 800,000 excav. in dredging and levee construction near Onward, to Wilbanks-Pierce, Inc., Bradentown, Fla.

La., New Orleans—LEVEE—U. S. Engineer Office, 6,300,000 cu.yd. levee work in (a) Lower Tensas Dist. (b) La Fourche

Federal Government Work (Continued)

Levee Dist. **(c)** Barataria Levee Dist. **(d)** Lake Borgne Levee Dist. **(e)** Pontchartrain Levee Dist. **(f)** Atchafalaya Levee Dist. and **(g)** Red River, Atchafalaya and Bayou Boeuf Dists., to D. B. Hearin & Son, Baton Rouge, **(a1)** $24,111; to Cameron & Kenyon, Inc., Port Allen, **(a2)** $26,250 **(b1)** $14,517; to Sternberg Co., Inc., Arcade Bldg., St. Louis, Mo., **(b2)** $23,200; to O. O. Ogden, Inc., Baton Rouge, **(b3)** $45,028 **(e3)** $73,996 **(f1)** $35,029; to Lower Coast Constr. Co., Godchaux Bldg., New Orleans, **(c1)** $45,540 **(d1)** $28,980; to Lewis Chambers Constr. Co., New Orleans, **(e1)** $111,800 **(e2)** $52,142; to Callahan-Walker Constr. Co., 1200 Natl. Bank Bldg., Omaha, Neb., **(g2)** $12,200; to New Constr. Co., Manion, **(g3)** $14,000. Grand total $536,007. Noted Aug. 2.

Ky., Louisville — MACHINERY — U. S. Engineer Office, P. O. Box 72, machinery and piping in power house and turbine pit, water pump and gate, valve operating machinery, to Virginia Mchy. & Well Co., 1319 East Main St., Richmond, Va., $31,848. Noted Aug. 2.

O., Sandusky—DREDGING—U. S. Engineer Office, Buffalo, N. Y., dredging, rock removal in Sandusky Harbor, to Great Lakes Dredge & Dock Co., Williamson Bldg., Cleveland, $1,021,300. Noted Aug. 9.

Mo., St. Louis — LUMBER — U. S. Engineer Office, Custom House, 1,000,000 ft. mattress lumber, to M. E. Leming Lumber Co., Cape Girardeau, $26,400. Noted Feb. 9.

Oregon—ROAD—U. S. Bureau P. Rds., Post Office Bldg., Portland, grading, surfacing Crater Lake Rd., Klamath Co., to A. Milne, Portland, $51,344.

Unclassified

Proposed Work

AIRPORT—**Boston, Mass.**—City, Park Dpt., 33 Beacon St., airport improvements, administration building, grading, drainage, pier, at Jeffries Point, East Boston. $125,000. Private plans.

GRADE CROSSING ELIMINATION—**Hoosick, N. Y.**—Boston & Maine R.R. Co., W. J. Backes, ch. engr., Boston, Mass., eliminating Main Street Grade Crossing, at Hoosick Station, Rensselaer Co. $92,000.

GAS TANKS—**Long Island City, N. Y.**—Havemeyer & Elders, Vernon Ave. and 13th St., 9 gas tanks, Vernon Ave. and 13th St. $200,000.

SUBWAY—**Long Island City, N. Y.**—Bd. Transportation, J. H. Delaney, ch., 49 Lafayette St., New York, rejected bids July 27, constructing Sect. 1, Route 108 subsurface railroad, Queens Boro. Will readvertise. Noted Aug. 2.

COMFORT STATIONS—**New York, N. Y.**—H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., comfort stations, one each at Westchester Ave. and Eastern Blvd. $40,000, at 170th St. and Jerome Ave. and at 161st St. and Courtland Ave. $35,000 each, at Jackson Ave. and Southern Blvd. $30,000. M. Hausle, 3307 3rd Ave., archt.

GRADE CROSSING ELIMINATION — **Willsboro, N. Y.**—Delaware & Hudson R.R. Co., 32 Nassau St., New York, J. MacMartin, Albany, ch. engr., eliminating Essex-Willsboro Co. Hy. Crossing, north of here. $100,000.

LAND DEVELOPMENT—**New Jersey**—See "Buildings-Commercial."

CAUSEWAY — **Somerville, N. J.** — Bd. Freeholders Somerset Co., Court House, preliminary plans causeway on road from Millstone to East Millstone. $200,000. O. Smith, Court House, co. engr.

EXHIBITION CAGES and WALKS — **Wash., D. C.**—National Zoological Park plans by A. L. Harris, District Bldg., exhibition cages and walks.

SIGNAL SYSTEM—**Ventnor City** (br. Atlantic City), **N. J.**—Mayor and City Council, rebuilding fire and police signal system. $70,000.

TRANSMISSION LINE—**North Carolina**—North Carolina Pub. Serv. Co., Greensboro, 13,200 volt transmission line from Greensboro to Sedgefield, incl. sub-station at Sedgefield. $35,000.

SERVICE TUNNELS — **Cleveland, O.** — Peerless Motor Car Corp., E. VerLinden, pres., East 69th St. and Quincy Ave., 2 service tunnels, 200 ft. long, 5½ x 6 ft. inside diam. $25,000. W. Watson & Associates, 4614 Prospect Ave., engrs.

STREET LIGHTING SYSTEM — **Los Angeles, Calif.** — Los Angeles Co., ornamental street lighting system on Santa Monica Blvd., $30,000 or more.

SUBWAYS—**Hamilton, Ont.**—City Council, subways at several level crossings, concrete found., abutments, retaining walls, steel girders. $100,000-$250,000. W. L. McFaul, City Hall, engr.

Bids Desired

COMFORT STATIONS — **New York** — Sept. 17, by Westchester Co. Park Comn., 72 West Pondfield Rd., Bronxville, two comfort stations on Hutchinson River Parkway, Eastchester and White Plains, Contr. 199. J. Downer, ch. engr.; adv. E. N.-R. Sept. 6.

PUMPING EQUIPMENT — **New York, N. Y.**—Sept. 14, by Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., equipment at Charlton and Spring Sts., 6th Ave. extensions; at 23rd, 25th, 110th Sts. at 8th Ave.; at 183rd St., Overlook Terrace, and Dyckman St. at Bway. on Church St., 8th Ave.-Washington Heights Line.

ROADS, WALKS, etc.—**New York, N. Y.**—Sept. 14, by Bd. Trustees Bellevue & Allied Hospitals, C. A. Perilli, acting pres., 415 East 26th St., roads, walks, railings, grates, fountains, flagpoles, etc., on grounds Bellevue Hospital, 26th St. and 1st Ave.

SUBWAY—**New York, N. Y.**—Sept. 14, by Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., constructing Sect. 3, Route 106, Rapid Transit R.R. along and under Grand Blvd. and Concourse, from East 167th to East 175th Sts.

STEAM LINE, etc.—**Jersey City, N. J.**—Sept. 13, by Bd. Freeholders Hudson Co., Court House, extension auxiliary steam line at power house, Hospital for Insane, Secaucus; miscellaneous work and equipment at Hudson Co. Jail; apparatus and equipment for water service, Power House. J. T. Rowland, Jr., Jersey Journal Bldg., archt.

LIGHTING SYSTEM—**Oakland, Calif.**—F. C. Merritt, city clk., taking bids street lighting system, incl. 325 standards with underground system, in portions Clay, Washington Sts. To exceed $25,000. Noted July 19.

Bids Received

TEST BORINGS—**New York**—Bd. Water Supply, Gas & Electricity, Municipal Bldg., New York, Aug. 28, test borings on land in towns of Wawarsing and Gardiner, Ulster Co., and Fishkill, Dutchess Co., from Sprague & Henwood, Inc., 32 Pearl St., $11,363. Noted Aug. 16.

SUBWAY—**Brooklyn, N. Y.**—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., New York, Aug. 31, constructing Sect. 5, Route 107, under Schermerhorn St. from Court to Bond Sts., from Necaro Constr. Co., Avenue C and East 11th St., New York, $5,611,000 (unofficial). Noted Aug. 16.

SUBWAY—**Brooklyn, N. Y.**—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., New York, Aug. 28, constructing Sect. 5-B, Route 109, Branches 1 and 2, from Cornell Constr. Co., Grand Central Terminal, New York, $2,974,000 (unofficial). Noted Aug. 16.

FERRY BOATS—**New York, N. Y.**—Dpt. Mental Hygiene, Albany, Aug. 29, 2 double end steel Diesel electric ferryboats for Manhattan State Hospital, Wards Island, from Spedden Ship Building Co., Inc., Boston St. and Kenwood Ave., Baltimore, Md., $266,000. Noted Aug. 23.

FERRY SLIPS—**New York, N. Y.**—L. M. Farrington, secy. Dpt. Mental Hygiene, Albany, Aug. 29, ferry slips for Manhattan State Hospital, Wards Island, from Stillman-Delehanty Ferris Co., Hudson Blvd., Jersey City, N. J., $140,197. Noted Aug. 9.

TRACKS, etc.—**New York, N. Y.**—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., Aug. 31, installing tracks, contact rail for part Rapid Transit R.R., from B. T. and J. J. Mack, 160 Bway., $598,400. Noted Aug. 23.

GRADE CROSSING ELIMINATION — **Yonkers, N. Y.**—New York Central R.R. Co., Grand Central Terminal, New York, eliminating Tuckahoe Rd. crossing over tracks, from Lyons-Slattery Co., Inc., 224 East 41st St., New York, $126,782.

Contracts Awarded

SILOS and DOCKS—**Charleston** (Sta. Boston), **Mass.**—U. S. Gypsum Co., 300 West Adams St., Chicago, Ill., 6 concrete silos and docks, Chelsea St., Mystic Docks, to General Contg. & Eng. Co., 40 Rector St., New York. Est. $150,000.

COAL POCKET—**East Braintree,** (mail Braintree), **Mass.**—Old Colony Gas Co., Quincy Ave., coal pocket, rein.-con., Quincy St., to Clark & Smith, 13 Temple St., Quincy.

CANAL INTAKE etc.—**Farley, Mass.**—Franklin Power Co., canal intake, headwork, to F. T. Ley & Co. Inc., 20 Providence St., Boston. Est. $25,000 or more.

DUMP—**New York, N. Y.**—M. Cosgrove, comr. Docks, Pier "A," foot Battery Pl., North River, constructing building, East 73rd and East 74th St. Dump, East River, Contr. 1889, to Eastern Constr. Co., 26 Court St., Brooklyn, $53,700. Noted July 19.

DRAINAGE PIPES—**Newark, N. J.**—Bd. City Comrs., City Hall, drainage pipes in R. Runway, Newark Airport, to P. D. Amato, 676 Bway., $60,131.

GAS LINE—**Tennessee and Louisiana**—Memphis Natural Gas Co., Memphis, Tenn., H. G. Scott, pres., pipe line, compressor stations to bring natural gas from Louisiana fields to Memphis, Tenn., to Ford, Bacon & Davis, Inc., 115 Bway., New York, $7,000,000.

LIGHTING SYSTEM, etc.—**Cincinnati, O.**—Rapid Transit Comrs., electric lighting, traffic control system for Central Parkway from Brighton to Ludlow Ave., to Union Gas & Electric Co., 4th and Plum Sts., $45,545, est. $58,000; artificial stone railings along Central Parkway on retaining wall and bridges to Indianapolis Gunite Co., 816 Continental Bank Bldg., Indianapolis, Ind., $48,336, est. $65,000. Noted Aug. 16.

CULVERTS—**Cleveland, O.**—City, 486 x 12 ft. rein.-con. culvert in Forest Hill Parkway, to Speedway Constr. Co., 3441 Lee Rd., $18,000—culvert in Giddings Brook, to C. L. Moore, 14630 Strathmore Ave., $22,587.

STORAGE SILOS — **Detroit, Mich.** — Petoskey Portland Cement Co., East Atwater St., 2 rein.-con. storage silos, base 45 x 96 ft., elevator, conveyors, to Burrell Eng. Co., West Jackson Blvd., Chicago, Ill. Est. $150,000.

STOCKYARD and CATTLE BARN—**Milwaukee, Wis.**—Milwaukee Stock Yard Co., R. H. Scheill, genl. mgr., 19th Ave. and St. Paul Tracks, stock yard, dairy cattle barn, to H. Danischifsky, 1484 Humboldt Ave. Est. $350,000.

DOCK WORK—**Beaumont, Tex.**—Yount-Lee Oil Co., Jacinto Life Bldg., extending company dock system, increasing loading capacity from 9,500 bbl. to 20,000 bbl. per hr., to A. M. Mutersbaugh, Nagem Bldg., Lake Charles, La., $60,000.

FUEL OIL STATION, etc.—**Dalhart, Tex.**—Chicago, Rock Island & Pacific Ry. Co., C. A. Morse, ch. engr., Chicago, Ill., 5,000 bbl. fuel oil station, water treating plant, storage pump, to Railroad Water & Coal Handling Co., 608 South Dearborn St., Chicago, Ill., $45,000.

STREET LIGHTING SYSTEM—**Los Angeles, Calif.**—Ornamental lighting system on Spring St. between 1st and Main Sts., to Walker & Martin, 4215½ South Western Ave., $56,236.

TRANSIT SHEDS—**San Francisco, Calif.**—California State Bd. Harbor Comrs., Ferry Bldg., 4 concrete, steel transit sheds, to Macdonald & Kahn, Financial Center Bldg., $299,900.

Materials

Bids Desired

BOILER TUBES—**Phila., Pa.**—Sept. 11, by C. E. Walsh, purch. agt. Pennsylvania R.R. Co., 15 North 32nd St., boiler tubes, Contr. 69-1928.

PIPE, etc.—**Milwaukee, Wis.**—Sept. 12, by Central Bd. Purchases, J. W. Nicholson, purch. agt., 752.5 tons 42 in. Class C c.i. water pipe (plain); 71.36 tons 42 in. Class C c.i. water pipe (lugged) 34.02 tons Class C Specials; two hundred fifty 3-flange catch basin frames and grates with side inlet boxes; one hundred twenty 40 ft. and forty 45 ft. wood piles.

Bids Received

MINERAL AGGREGATE — **Long Island City, N. Y.**—B. M. Patten, pres. Queens Boro, Queens Subway Bldg., Aug. 30, 500 cu.yd. mineral aggregate, from Hunterspoint Lumber & Supply Co., Anable Ave., $1,275; 50,000 gal. asphaltic macadam binder, from Standard Oil Co., 20 Bway., New York, $3,160. Noted Aug. 23.

PORTLAND CEMENT—**New York, N. Y.**—J. Miller, pres. Manhattan Boro, Municipal Bldg., Aug. 28, 15,000 bags portland cement, from P. Sammone, 1358 Brook Ave., $9,225; 2,000 cu.yd. concrete and paving sand, from Ames & Carroll, 344 Kingsbridge Rd., $2,800. Noted Aug. 23.

Foreign

Mexico, Mexico City — Mexican Govt., Dpt. Communications & P. Wks., aerial port, incl. 4 hangars to house 15 planes each. 225,000 pesos.

T. H., Honolulu—Alexander & Baldwin plans by C. W. Dickey, Damon Bldg., office building. $1,000,000.

T. H., Honolulu—Honolulu Star Bulletin sketches by C. W. Dickey, Damon Bldg., newspaper publishing plant. $500,000 or more.

See proposal advertising on page 155

Constr. News page 135

UNIT PRICES

Unit Price Lists Published in August, 1928

		Issue of
Bridge approach	St. Louis, Mo.	Aug. 2
Dam	Pittsburgh, Pa.	Aug. 16
Dam	Albany, N. Y.	Aug. 23
Dam	Albany, N. Y	Aug. 30
Filter plant and pumping station	Kenilworth, Ill.	Aug. 23
Sewer	Halfway, Mich.	Aug. 9
Sewer	Louisville, Ky.	Aug. 16
Sewer	Detroit, Mich	Aug. 16
Sheet piling and drainage improvement	Syracuse, N. Y.	Aug. 9
Street improvement	Glencoe, Ill	Aug. 2
Tunnel	Albany, N. Y.	Aug. 30

Bridge—Bridgewater, Vt.

State Highway Department, Montpelier, opened bids Apr. 26, Bridgewater Corners Bridge, from (A) Caughey & Pratt, Antrim, N. H., (awarded contract); (B) M. J. Burrington, Jr., Bennington; (C) Gordon & Sutton, North Adams, Mass.; (D) T. J. Harvey, North Adams; (D) H. L. Hauser Bldg. Co., Inc., Boston.

	A	B	C	D	E
430 cu.yd. common excav.	$1.20	$2.00	$1.20	$1.10	$1.50
600 cu.yd. structure excav.	5.00	3.50	5.00	5.00	8.00
125 cu.yd. gravel surface course	2.00	2.50	2.10	2.00	3.00
64 cu.yd. conc. Class "A" (1-2-4)	24.00	28.75	26.50	27.00	32.00
356 cu.yd. conc. Class "B" (1-2½-5)	19.50	19.50	19.10	19.50	26.00
18,920 lb. reinf. steel	.05	.06	.07	.06	.07
Steel superstructure	8,750.00	7,510.00	8,200.00	8,900.00	9,350.00
Temporary bridge (lump sum)	200.00	75.00	100.00	50.00	1,000.00
2,875 lin.ft. timber piling	1.00	1.50	1.25	1.10	1.00
2-8 lin.ft. wood guard rail	.75	1.00	1.15	.75	1.00
Totals	$25,171	$25,295	$25,731	$25,797	$31,881

Engineering News-Record, Issue of September 6, 1928.

Bridge—Delaware

State Highway Department, Dover, opened bids June 19, Lewes Bridge over Lewes-Rehoboth Canal (Inland Waterway between Rehoboth and Delaware Bays on South St.). Bidders are: (A) A. S. Fox, Dayton, O.; (B) Forbes-Murphy Construction Co., Baltimore; (C) Shelbyville Manufacturing Co., Shelbyville; (D) Hill Construction Co., Burlington, N. J.

	A	B	C	D
300 cu.yd. dry excav.	$3.00	$1.50	$3.50	$1.50
400 cu.yd. wet excav.	9.00	10.40	10.00	4.00
760 cu.yd. Class "A" conc.	23.00	18.82	25.00	20.00
20,000 lb. reinforcement	.06	.05	.06	.05
9,000 lb. structural steel	.12	.06	.10	.10
30 lin.ft. 18-in. corr. metal pipe	2.50	3.00	3.00	2.50
30 lin.ft. 18-in. rein. conc. pipe	3.50	4.00	4.00	6.00
Temporary bridge (lump sum)	5,346.00	5,448.00	7,500.00	7,500.00
Removal of rest p er (lump sum)	1,250.00	1,450.00	3,200.00	9,500.00
Bascule span (lump sum)	2,000.00	6,918.00	2,800.00	1,500.00
Bascule pier (lump sum)	750.00	1,400.00	1,300.00	4,500.00
Additions to bascule span	7,815.00	5,800.00	8,500.00	4,400.00
Operating equipment (lump sum)	2,800.00	5,900.00	1,500.00	8,000.00
2 M. ft. B.M. creosoted fender timber	125.00	250.00	200.00	150.00
300 lin.ft. creosoted fender timber piling	1.>0	2.00	2.00	2.00
3,000 lin.ft. foundation piling	.80	.98	1.50	.90
Operator's house and equipment	1,825.00	2,210.00	2,000.00	1,000.00
Totals	$50,326	$54,729	$59,660	$60,405

Engineering News-Record, Issue of September 6, 1928.

Water Supply—Springfield, Mass.

Fourteen bids were opened by Board of Water Commissioners, July 9, Contr. 11, Cobble Mountain Reservoir, Little River Water Supply, difference between low and average, 30 per cent. Lowest four and highest bidders are: (A) Winston & Co., Inc., 277 Fair St., Kingston, N. Y., (awarded contract); (B) The Carleton Co., Inc., Longacre Bldg., New York; (C) Rinehart & Dennis Co., Inc., Charlottesville, Va.; (D) Puget Sound Bridge & Dredging Co., 811 Central Bldg., Seattle; (E) Coleman Bros., Inc., 245 State St., Boston. Contr. 12, hydraulic fill dam and outlet tunnel, twenty-three bids, difference between low and average, 23 per cent. Lowest four and highest bidders are: (A) Frazier-Davis Construction Co., 1482 Arcade Bldg., St. Louis, (awarded contract); (B) R. S. Morrow & Son, 450 Brandeis Theater Bldg., Omaha; (C) Rinehart & Dennis Co., Inc.; (D) A. Guthrie & Co., Inc., 1300 Builders' Exchange, St. Paul; (E) Whiting-Turner Co., Inc., Stewart Bldg., Baltimore. E. E. Lochridge, Springfield, chief engineer. Hazen & Whipple, 25 West 43rd St., New York, consulting engineers. Unit bids follow:

CONTRACT NO. XI

	A	B	C	D	E
20,000 cu.yd. earth excav.	$1.50	$1.16	$1.00	$2.00	$3.00
7,000 cu.yd. rock excav. in dam	5.00	5.42	3.00	5.00	5.00
56,000 cu.yd. rock excav. in spillway	2.50	2.42	2.00	1.50	4.00
6,000 cu.yd. conc. in dam and spillway	18.00	17.10	18.00	15.00	23.00
1,000 cu.yd. conc. in bridge and tunnel closure	20.00	17.10	20.00	20.00	35.00
1,600,000 cu.yd. hydraulic fil in dam	.50	.55	.56	.75	1.00
150,000 cu.yd. rock fill in dam	.80	.106	2.00	1.00	3.00
Clearing— (lump sum)	175,000.00	151,000.00	185,000.00	101,000.00	120,000.00
Care of water and closing—(lump sum)	5,000.00	25,000.00	10,000.00	10,000.00	10,000.00
Grouting center of dam—(lump sum)	4,000.00	5,000.00	5,000.00	20,000.00	2,000.00
Totals	$1,437,000	$1,536,360	$1,677,000	$1,750,000	$2,674,000

CONTRACT NO. XII

	A	B	C	D	E
8,000 cu.yd. earth excav.	$2.00	$4.00	$1.00	$1.00	$1.20
8,000 cu.yd. rock excav—open cut	5.00	4.00	2.00	1.50	4.00
33,000 cu.yd. rock excav. in tunnel	10.00	9.45	12.00	10.80	18.60
3,000 cu.yd. rock excav. in shaft	7.00	12.00	20.00	15.00	15.65
11,000 cu.yd. conc. in tunnel lining	18.00	19.50	15.00	20.00	25.75
2,000 cu.yd. all other conc.	18.00	19.50	20.00	25.00	22.00
Grouting—(lump sum)	10,000.00	7,000.00	10,000.00	6,500.00	18,000.00
Totals	$651,000	$672,350	$695,000	$697,900	$1,047,600

Engineering News-Record, Issue of September 6, 1928.

Constr. News page 136